

Volume

#

R0475

BOOK A-475

A

FIELD NOTES

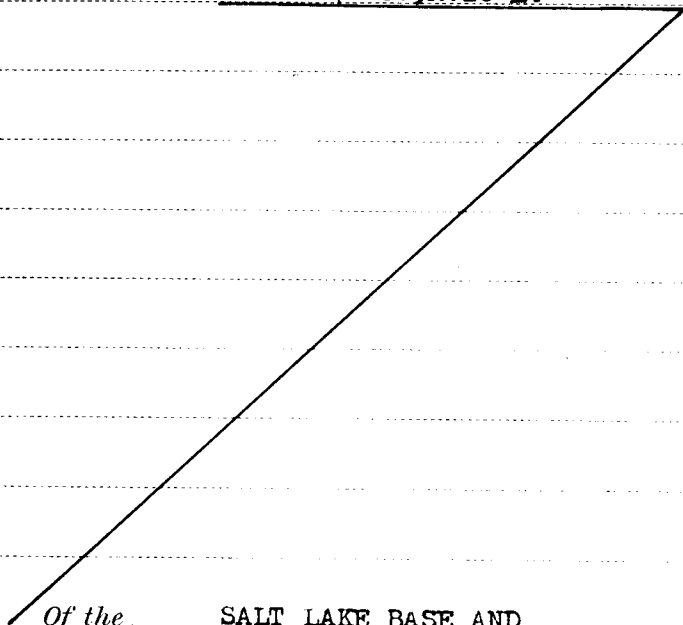
OF THE SURVEY OF THE

8TH. STANDARD PARALLEL SOUTH, THROUGH RANGE 16 EAST.

SOUTH AND WEST BOUNDARIES, SUBDIVISION

AND MEANDERS OF

T.41 S., R.16 E.



Of the SALT LAKE BASE AND Meridian,

In the State of UTAH

EXECUTED BY

CHAS. F. MOORE

AND

WILLIS W. BANDY

In the capacity of U. S. Surveyor a, under instructions dated September 19, 1923

issued by the United States Surveyor General to govern surveys included in

Group No. 150, which were approved by the Commissioner of the General Land

Office, September 28, 1923; and assignment instructions dated

December 4 and 19, 1923

HWM

Survey commenced March 5, 1924, ~~1923~~

Survey completed March 31, 1924, ~~1923~~

BOOK A-475

INDEX DIAGRAM.

Township 41 South Range 16 East.
9 8 7 6 5 4

22	6	77	5	62	4	51	3	41	2	32	1
	76		75		61		51		41		31
21	7	74	8	60	9	50	10	40	11	30	12
	73		72		59		49		39		29
20	18	71	17	58	16	48	15	39	14	29	13
	70		69		57		48		38		28
19	19	68	20	56	21	46	22	37	23	27	24
	67		67		55		46		36		26
18	30	66	29	54	28	44	27	35	26	25	22
	65		64		53		44		34		24
17	31	63	32	52	33	42	34	32	35	24	23
	16		15		14		13		11		10

Meanders page 79

Date Diagram
T. 41 S., R. 16 E.

3-13-24	3-13-24	3-13-24	3-12-24	3-12-24	3-12-24	3-1-24
3-26-24 6 3-25-24	3-24-24 5 3-25-24	3-25-24 4 3-15-24	3-12-24 3 3-12-24	3-12-24 2 3-12-24	3-11-24 1 3-11-24	
3-25-24 7 3-24-24	3-24-24 8 3-14-24	3-15-24 9 3-14-24	3-12-24 10 3-11-24	3-12-24 11 3-10-24	3-11-24 12 3-8-24	
3-24-24 18 3-14-24	3-14-24 17 3-13-24	3-14-24 16 3-11-24	3-11-24 15 3-10-24	3-10-24 14 3-8-24	3-8-24 13 3-7-24	
3-14-24 19 3-13-24	3-13-24 20 3-10-24	3-11-24 21 3-8-24	3-10-24 22 3-7-24	3-8-24 23 3-6-24	3-7-24 24 3-5-24	
3-13-24 30 3-10-24	3-10-24 29 3-8-24	3-8-24 28 3-7-24	3-7-24 27 3-6-24	3-6-24 26 3-5-24	3-6-24 25 3-5-24	
3-10-24 31 3-10-24	3-8-24 32 3-8-24	3-7-24 33 3-7-24	3-6-24 34 3-6-24	3-5-24 35 3-5-24	3-5-24 36 3-5-24	

Lines dated and colored with red ink were surveyed by
Chas. F. Moore, U. S. transitman.

Lines dated and colored with black ink were surveyed by
Willis W. Bandy, U. S. transitman.

INSTRUMENTAL EQUIPMENT

Survey commenced March 5, 1924 and executed with Buff and Buff solar transit No. 9220 used by Chas. F. Moore, U. S. transitman and Young and Sons solar transit No. 8396 used by Willis W. Bandy, U. S. transitman. For complete description, tests and approval of instruments see survey of T. 42 S., R. 16 E., book "C" this group.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE

The east boundary has been established under Group 149, Utah.

The north boundary or 8th. Standard Parallel South through R. 16 E. is established by projecting a line west, 6 miles distant from the point for the Standard cor. of T. 40 S., Rs. 16 and 17 E.

The south boundary is projected west on a true line from the cor. of Tps. 41 and 42 S., Rs. 16 and 17 E. a distance of 5 miles 77 chs. and 82 lks. where the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E. is established. The fractional distance or allowance of 2.18 chs. for convergency is placed in the western half mile.

The west boundary is run north on a true line from the

8th. Standard Parallel South, through Range 16 East.

Chains

cor. of Tps. 41 and 42 S., Rs. 15 and 16 E. to an intersection with the 8th. Standard Parallel South, where a closing township cor. is established; fractional distance being placed in the northern half mile. The township is subdivided from south to north and from east to west.

8th. STANDARD PARALLEL SOUTH, THROUGH RANGE 16 EAST.

The meander cor. of secs. 1 and 36 on the right bank of San Juan River, on the 8th. Standard Parallel South, which is identical with the witness cor. to the standard cor. of T. 40 S., Rs. 16 and 17 E., reported to be established 3.03 chs. west of the true point for the standard township cor. falls in inaccessible ledges and breaks of river. The cor. point cannot be reached, nor am I able to observe any indications of a cor. from commanding points of view on ledges on the opposite side of river and I am of the opinion that a cor. has never been established. It is impossible to reestablish the standard township cor. at the true cor. point or establish a witness cor. within the required limit of distance on account of ledges and precipitous slopes of surface rock, therefore, I begin at the closing cor. of T. 41 S., Rs. 16 and 17 E. established on the standard parallel from which to project surveys to the south and which is 16.34 chs. east of the true point for the standard cor. of T. 40 S., Rs. 16 and 17 E., and proceed as follows:

From the closing cor. of T. 41 S., Rs. 16 and 17 E., which is an iron post, 3 ins. in dia., firmly set in the ground, and marked and witnessed as described by the surveyor general.

West, along the S. bdy. of sec. 36.

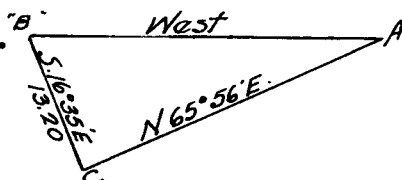
On account of high ledges and impassable breaks of San Juan River Canyon, I make the following triangulation;

Erect flag "A" at the closing Tp.

cor. and set flag "B" on line

West, then from "B" measure a

base line "BC", S. 16° 35' E., 13.20 chs. distant to point



8TH. STANDARD PARALLEL SOUTH, THROUGH RANGE 16 EAST.

Chains

whence line "CA" bears $N.65^{\circ}56'E$. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance line "AB" = 32.09 chs., from which subtract 16.34 chs., gives

15.75 To point on line on S.bdy.sec.36, 15.75 chs.west of the true point for standard cor. of T.40 S., Rs. 16 and 17 E. Thence by return measurement, .79 chs. to

14.96 The true point for meander cor. of secs. 1 and 36 on the left bank of San Juan River falls on inaccessible ground and cannot be reached, therefore, at this point Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for witness cor. to the meander cor. of secs. 1 and 36, with brass cap marked

	T40S	
	S36	
R16E	—	WC
	S1	MC
	T41S	
	1924	

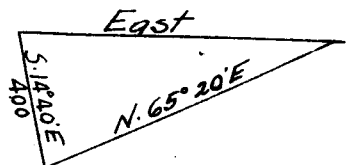
Other accessories impracticable.

In order to determine the distance to the true point for the meander cor., I triangulate as follows:

I observe a rock on line east on left bank of river at site for the meander cor., then

from the witness cor. to the meander cor. measure a base line

$S.14^{\circ}40'E$, 4.00 chs. distant to a point whence rock on left bank of river bears $N.65^{\circ}20'E$.



Distance by triangulation = 9.44 chs., which subtracted from 14.96 chs., gives .

5.52 To true point for the meander cor. on the left bank of San Juan River, 560 ft. below the witness meander cor. In order to determine the distance to the top of the W. wall of San Juan River Canyon, I return to the witness cor. to the meander cor. of secs. 1 and 36 just established and set flag "A" on line on top to the W. From

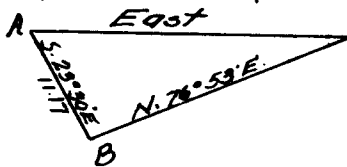
flag "A" the closing cor. of Tp. 41 S., Rs. 16 and 17 E.

bears East. I now measure base line

"AB" S. 23° 30' E., 11.17 chs. to point

whence the closing cor. of T. 41 S.,

Rs. 16 and 17 E. bears N. 7° 53' E.



All bearings taken by direct

reading of the solar and angles checked by deflection.

Distance by triangulation = 48.41 chs.

48.41 chs. - 16.34 chs. gives,

32.07 To flag "A" on top of ledge wall 200 ft. high and brink
of San Juan River Canyon, 530 ft. above witness cor.
to the meander cor.

Thence over top of Douglas Mesa.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for standard $\frac{1}{4}$ sec. cor., with brass cap
marked

SC
 $\frac{1}{4}$ S36

1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on
one face alongside post.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground for standard cor. of secs. 35 and 36, with
brass cap marked

SC
T40S | R16E
S35 | S36

1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on
one face at base of monument.

Land, E. 32.09 chs. precipitous breaks of San Juan River;
remainder of mile rolling.

Soil, rocky and sandy of sandstone formation.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing on mesa.

West, along S. bdy. of sec. 35.

8TH. STANDARD PARALLEL SOUTH, THROUGH RANGE 16 EAST.

Chains

Over rolling mesa through short undergrowth.

30.00 Enter scattering scrub cedar timber, bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S35

1924

from which

Scrub cedar, 6 ins.diam., bears N.27 $\frac{1}{2}$ °W., 222 lks.
dist., marked BT

Scrub cedar, 6 ins.diam., bears N.86 $\frac{1}{2}$ °W., 103 lks.
dist., marked BT

50.00 Top of ledge and E. rim of canyon, bears N. and S.;
gradually descend.

66.00 Wash, 40 lks. wide, 10 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground for standard cor. of secs. 34 and 35, with brass cap marked

SC
T400 | R16E
S34 | S35

1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling and broken mesa; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar on central portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, along S. bdy. of sec. 34.

Over rolling and broken mesa through short undergrowth.
Gradually descend.

6.90 Bottom of canyon, 75 ft. below cor., drains N.; ascend.

24.50 W. rim of canyon, 90 ft. above bottom, bears N. and S.

Corrins

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S34

1924

Deposit a stone, 8x4x4 ins., marked with a cross (X) on one face at base of monument.

55.00 Small drain, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for standard cor. of secs. 33 and 34, with brass cap marked

SC
T40S | R16E
S33 | S34

1924

from which

A cedar, 3 ins.diam., bears N.1°E., 106 lks.

dist., marked BT

A cedar, 6 ins.diam., bears N.54 $\frac{1}{4}$ °W., 370 lks.

dist., marked T 40 S R 16 E S.33 S C B T

Land, rolling and broken mesa, drains NW.

Soil, sandy loam and rocky of sandstone formation; 2nd.

and 3rd. rates.

Timber, a few scattering cedar on W. portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, along S. bdy. of sec. 33.

Over rolling mesa through scattering scrub timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S33

1924

from which

Chains

A cedar, 3 ins.diam., bears N.46°E., 23 lks.
dist., marked $\frac{1}{4}$ S 33 S C B T
A cedar, 3 ins.diam., bears N.20 $\frac{1}{2}$ °W., 61 lks.
dist., marked $\frac{1}{4}$ S 33 S C B T

- 55.00 Rim ledge, bears NW. and SE.; descend into draw.
75.00 Bottom of draw, drains NW.; gradually ascend.
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for standard cor. of secs. 32 and 33, with brass cap marked

SC	
T40S	R16E
S32	S33

1924

from which

A lone cottonwood, 12 ins.diam., bears N.17 $\frac{1}{2}$ °E.,
323 lks.dist., mkd. T40SR16ES33SCBT

A cedar, 8 ins.diam., bears N.1 $\frac{1}{2}$ °W., 355 lks.
dist., marked T 40 S R 16 E S 32 S C B T

From this cor. a small seep or drip spring, bears N.26°
05'E., 3.30 chs. distant.

Land, rolling mesa; NW. exposure and drainage.

Soil, loose sand and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, along S. bdy. of sec. 32.

Over rolling mesa through scattering scrub timber and short undergrowth.

20.00 Low rise, bears N. and S.

39.00 Small ledge, bears NW. and SE.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

8th. Standard Parallel South, through Range 16 East.

SC
 $\frac{1}{4}$ S32

1924

from which

A cedar, 4 ins. diam., bears N. 68° W., 423 lks.

dist., marked $\frac{1}{4}$ S 32 S C B T

A cedar, 3 ins. diam., bears N. 75 $\frac{3}{4}$ ° W., 310 lks.

dist., marked BT

44.00 Draw, drains NW.

80.00 On surface rock, mark a cross (X) at exact cor. point,
 over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
 a large mound of stone for standard cor. of secs. 31 and
 32 with brass cap marked

SC

T40S	R16E
S31	S32

1924

from which

A cedar, 3 ins. diam., bears N. 30 $\frac{3}{4}$ ° E., 68 lks.

dist., marked BT

A cedar, 6 ins. diam., bears N. 35 $\frac{1}{2}$ ° W., 98 lks.

dist., marked T 40 S R 16 E S 31 SC B T

Land, rolling mesa; NW. exposure and drainage.

Soil, sandy loam and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, along S. bdy. of sec. 31

Over broken mesa through scattering scrub timber and
 short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in
 the ground on solid rock and 24 ins. in a large mound
 of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S31

1924

from which

South Boundary of T.41 S., R.16 E.

Chains

Sandstone outcropping, marked $\frac{1}{4}$ BO bears

North, 10 lks. distant.

Other accessories impracticable.

- 79.41 Point for standard cor. of T.40 S., Rs. 15 and 16 E. will fall on unsafe ground, therefore, at this point, mark a cross (X) on surface rock, over which Set an iron post, 3 ft. long, 3 ins. in dia., 30 ins. in a large mound of stone for witness cor. to the standard cor. of T.40 S., Rs. 15 and 16 E., with brass cap marked

SC	
T40 S	
R15E	R16E
S36	S31
WC	

1924

Other accessories impracticable.

- 80.00 True point for standard cor. of T.40 S., Rs. 15 and 16 E. falls on sloping, unsafe ground.

Land, broken mesa; NW. exposure and drainage.

Soil, sandy loam and rocky; 3rd. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

SOUTH BOUNDARY OF T.41 S., R.16 E.

From the cor. of Tps. 41 and 42 S., Rs. 16 and 17 E., established by me and described in the field notes of the survey of T.41 S., R.17 E.

West, bet. secs. 1 and 36.

Over rolling mesa through short undergrowth.

- 22.00 Enter cedar and pinon timber, bears N. and S.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S36
	S1
	1924

from which

A pinon, 8 ins.diam., bears N.40°E., 35 lks.

dist., marked $\frac{1}{4}$ S 36 B T

A pinon, 10 ins.diam., bears S.56°W., 85 lks.

dist., marked $\frac{1}{2}$ S 1 B T

66.00 Top of ledge and brink of Douglas Mesa, bears NW. and SE.; descend.

69.00 Head of small canyon, drains SW.; ascend.

78.00 Top of ledge and brink of mesa, bears NE. and SW.; thence across mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T41S	R16E
S35	S36
S2 S1	
T42S	
1924	

from which

A cedar, 8 ins. diam., bears N. $43\frac{3}{4}^{\circ}$ E., 89 lks.

dist., marked T 41 S R 16 E S 36 B T

A pinon, 3 ins. diam., bears S. 71° E., 21 lks.

dist., marked BT

A pinon, 3 ins. diam., bears S. 24° W., 62 lks.

dist., marked BT

A pinon, 8 ins. diam., bears N. $50\frac{3}{4}^{\circ}$ W., 78 lks.

dist., marked T 41 S R 16 E S 35 B T

Land, rolling and broken mesa; general W. exposure and drainage.

Soil; rocky and sandy; 4th. rate:

Timber, scattering cedar and pinon.

Undergrowth, black brush; amole and mountain rush.

Fair grazing.

West, bet. secs. 2 and 35.

Over rolling top of Douglas Mesa through scattering scrub timber and short undergrowth.

Chains

- 28.35 Top of ledge and brink of mesa, bears NW. and SE.;
descend.
- 37.00 Wash, drains SW., 150 ft. below brink of mesa.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S35
S2
1924

from which

A pinon, 10 ins.diam., bears S.65°E., 13 lks.

dist., marked $\frac{1}{2}$ S 2 B T

A pinon, 8 ins. diam., bears N.48°W., 105 lks.

dist., marked $\frac{1}{4}$ S 35 B T

- 80.00 On surface rock, mark a cross (X) at exact cor. point,
over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in
a large mound of stone for cor. of secs. 2, 3, 34 and 35,
with brass cap marked

T41S	R16E
S34	S35
S3	S2
T42S	
1924	

from which

A pinon, 10 ins.diam., bears N.13 $\frac{1}{2}$ °E., 96 lks.

dist., marked T 41 S R 16 E S 35 B T

A pinon, 10 ins.diam., bears S.5 $\frac{1}{2}$ °E., 44 lks.

dist., marked T 42 S R 16 E S 2 B T

A pinon, 8 ins.diam., bears S.65°W., 166 lks.

dist., marked T 42 S R 16 E S 3 B T

A pinon, 12 ins.diam., bears N.51°W., 218 lks.

dist., marked T 41 S R 16 E S 34 B T

no (X)

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, loose, fine sand and rock of sandstone formation; lth. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

West, bet. secs. 3 and 34.

Over rolling bench land through scattering scrub timber and short undergrowth:

5.15 Wash, 25 lks. wide, 10 ft. deep, drains W.; thence along wash.

17.50 Same wash, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor.; with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S34} \\ S3 \\ 1924 \end{array}$$

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument:

No suitable bearing trees available.

48.00 Top of low spur, projects N.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T41S	R16E
S33	S34

$$\begin{array}{r} \underline{S4} \quad S3 \\ T42S \\ 1924 \end{array}$$

South Boundary of T.41 S., R.16 E.

Chains

dated 3

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling and broken bench; general W. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

West, bet. secs. 4 and 33.

Over rolling bench land through scattering scrub timber and short undergrowth.

30.00 Leave timber, bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S33

$\frac{1}{4}$

S4
1924

Deposit a stone, 6x6x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T41S	R16E
S32	S33

S5 | S4
T42S
1924

South Boundary of T.41 S., R.16 E.

chains

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; 4th. rate.

Timber, scattering cedar and pinon on E. 30.00 chs.

Undergrowth, black brush, amole and mountain rush.

Good grazing.

West, bet. secs. 5 and 32.

Gradually ascend over rolling bench land through medium growth of short brush.

19.00 Low spur, projects N.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S32} \\ \hline \text{S5} \\ 1924 \end{array}$$

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument.

75.00 Small rim ledge, bears NW. and SE.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 5, 6, 31 and 32, with brass cap marked

$$\begin{array}{r|l} \text{T41S} & \text{R16E} \\ \hline \text{S31} & \text{S32} \\ \hline \text{S6} & \text{S5} \\ \text{T42S} & \\ 1924 & \end{array}$$

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing land.

West, bet. secs. 5 and 32.

South boundary of T.41 S., R.16 E.

Br 1140

Chains

West, bet. secs. 6 and 31.

Over broken bench land through scattering timber and medium growth of brush.

40.00

On surface rock; mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S31
S6
1924

from which

A cedar, 4 ins. diam., bears N.29°E., 72 lks. dist., marked $\frac{1}{4}$ S 31 B T

A cedar, 12 ins. diam., bears S.70 $\frac{1}{2}$ °E., 202 lks. dist., marked $\frac{1}{4}$ S 6 B T

44.00

Edge of draw and leave timber, bears NW. and SE.; descend.

46.15

Bottom of draw, drains NW.; ascend.

47.00

W. brink of draw, bears NW. and SE.

77.82

Allowing for convergency.

Set an iron post, 3 ft. long, 3 ins. in dia., 28 ins. in the ground for cor. of Tps. 41 and 42 S., Rs. 15 and 16 E., with brass cap marked

T41S
R15E | R16E
S31 | S36
S6 | S1
T42S
1924

Deposit a stone, 6x5x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon on E. 44.00 chs.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West Boundary of T.41 S., R.16 E.

Chains

WEST BOUNDARY OF T.41 S., R.16 E.

From the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E.
North, bet. secs. 31 and 36.

Over rolling and broken bench through scattering timber
and medium growth of short brush.

34.50 Ledge and rim of draw, bears NW. and SE.; descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S31 | S36
1924

from which

A cedar, 8 ins.diam., bears N.56°E., 194 lks.
dist., marked $\frac{1}{4}$ S 36 B T

A cedar, 12 ins.diam., bears S.73 $\frac{1}{2}$ °W., 348 lks.
dist., marked $\frac{1}{4}$ S 31 B T

52.50 Bottom of wash in draw, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground for cor. of secs. 25, 30, 31 and 36, with
brass cap marked

T41S
R15E | R16E
S25 | S30
S36 | S31
1924

from which

A cedar, 12 ins.diam., bears N.48 $\frac{1}{2}$ °E., 53 lks.
dist., marked T 41 S R 16 E S 30 B T

A cedar, 8 ins.diam., bears S.25 $\frac{3}{4}$ °E., 128 lks.
dist., marked T 41 S R 16 E S 31 B T

A cedar, 10 ins.diam., bears S.77 $\frac{3}{4}$ °W., 150 lks.
dist., marked T 41 S R 15 E S 36 B T

A cedar, 12 ins.diam., bears N.55 $\frac{1}{4}$ °W., 125 lks.
dist., marked $\frac{1}{4}$ 41 S R 15 E S 25 B T

Land, rolling and broken bench; general NW. exposure and
drainage.

Soil, rocky and sandy; 3rd. rate.

Chains

Timber, scattering cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

North, bet. secs. 25 and 30.

Over broken bench through scattering timber and medium growth of short brush.

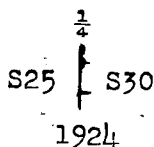
.65 Wash, drains W.

28.45 Wash, drains SW., 50 ft. above sec. cor.

30.00 Begin ascent over sandstone ledge, bears E. and W.

34.55 Top of ledge, 70 ft. above wash, bears E. and W.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

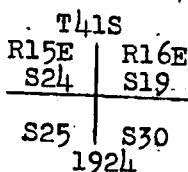


from which

A pinon, 6 ins.diam.,bears S.89 $^{\circ}$ E., 237 lks.
dist.,marked $\frac{1}{4}$ S 30 B T

A cedar, 8 ins.diam.,bears S.84 $^{\circ}$ W., 223 lks.
dist.,marked $\frac{1}{4}$ S 25 B T

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 19,24,25 and 30, with brass cap marked



from which

A cedar, 8 ins.diam.,bears S.63 $^{\circ}$ W., 252 lks.
dist.,marked T 41 S R 15 E S 25 B T

West Boundary of T.41 S., R.16 E.

Exposed surface rock, marked X BO S24, bears
N.35½°W., 55 lks. distant.

No other bearing trees or objects available.

Land, broken bench; general NW. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pihon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 19 and 24.

Over rough broken bench land through scattering timber
and medium growth of short brush.

18.60 Low spur, projects W.

40.00 Set an iron post, 3 ft. long, 1 in. 1h dia., 12 ins. in
the ground on solid rock and in a large mound of stone
for ½ sec. cor., with brass cap marked

$\frac{1}{2}$
 S24 | S19
 1924

from which

A cedar, 4 ins.diam., bears S.88°E., 198 lks.
dist., marked B T

A cedar, 4 ins.diam., bears N.9½°W., 228 lks.
dist., marked BT

43.00 Wash, 40 lks. wide, 10 ft. deep, drains NW.

63.00 Ledge, bears E. and W.

71.00 Spur, projects W.; descend.

80.00 At base of slope of spur.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in
the ground for cor. of secs. 13, 18, 19 and 24, with
brass cap marked

T41S
 R15E | R16E
 S13 | S18
 S24 | S19
 1924

from which

West boundary of T.41 S., R.16 E.

Chains

A cedar, 8 ins.diam., bears N.23°E., 483 lks.
dist., marked T 41 S R 16 E S 18 B T
A cedar, 6 ins.diam., bears S.39½°W., 210 lks.
dist., marked T 41 S R 15 E S 24 B T
A cedar, 10 ins.diam., bears N.24°W., 360 lks.
dist., marked T 41 S R 15 E S 13 B T

No other trees available; other accessories impracticable.

Land, broken bench; general W. exposure and drainage.

Soil, rocky and sandy; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 13 and 18.

Over rough bench land through scattering timber and medium growth of short brush.

2.00 Bottom of large wash, drains W.

5.60 Top of small rocky knoll.

22.00 Point of ridge from the E.; bears SW.

31.40 Top of rim ledge, bears NW. and SE.; descend.

40.00 On surface rock, mark a cross (X) for exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

¼
S13 | S18
1924

Cor. stands in head of small canyon, drains SW.; ascend.

50.70 Top of S. rim of ridge, bears E. and W.

63.30 N. rim of ridge, bears E. and W.; descend.

73.25 Bottom of large wash in draw, drains W.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in a large mound of stone for cor. of secs. 7, 12, 13 and 18

West Boundary of T.41 S., R.16 E.

with brass cap marked

T41S	
R15E	R16E
S12	S7
S13	S18
1924	

from which

A cedar, 3 ins.diam., bears S.28°E., 44 lks.

dist., marked BT

A cedar, 3 ins.diam., bears N.70°W., 105 lks.

dist., marked BT

No other trees available.

Cor. stands on S. rim of ridge, bears E. and W.

Land, rough, broken bench; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing .

North, bet. secs. 7 and 12.

Over broken bench land through scattering timber and medium growth of brush. Across top of ridge.

4.70 Main top of ridge, bears E. and W.

7.00 N. rim of ridge, bears NW. and E.; descend.

13.00 Canyon, drains NW.

29.00 Large draw, drains W.; ascend.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{3}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S12	S7
1924	

No suitable bearing trees available.

40.65 Top of ledge rim and enter top of mesa, bears E. and W.

West Boundary of T. 41 S., R. 16 E.

Chains

- 60.65 Main top of mesa, bears E. and W.; gradually descend.
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T 41 S	
R 15 E	R 16 E
S 1	S 6
<hr/>	
S 12	S 7
1924	

from which

A cedar, 5 ins. diam., bears N. $44\frac{1}{2}^{\circ}$ E., 473 lks.
dist., marked T 41 S R 16 E S 6 B T

A cedar, 4 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ E., 300 lks.
dist., marked T 41 S R 16 E S 7 B T

A cedar, 4 ins. diam., bears S. 88° W., 195 lks.
dist., marked T 41 S R 15 E S 12 B T

A cedar, 4 ins. diam., bears N. $6\frac{1}{2}^{\circ}$ W., 493 lks.
dist., marked T 41 S R 15 E S 1 B T

Land, rough, broken bench land; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

North, bet. secs. 1 and 6.

Over rolling and broken bench land through scattering timber and medium growth of short brush.

13.20 S. rim of canyon, bears NW. and SE.; descend.

18.10 Canyon, 80 ft. below rim drains NW.; ascend.

22.00 Spur, projects NW.; descend.

27.75 Draw, drains W.; ascend.

33.60 Top of S. rim of ridge, bears E. and W.; gradually ascend.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap

West Boundary of T.41 S., R.16 E.

Chains

marked

$\frac{1}{2}$
 S1 | S6
 1924

No suitable bearing trees available.

43.90 Main top of ridge, bears E. and W.; gradually descend.

48.40 N. rim of ridge, bears E. and W.; descend into canyon.

59.00 Bottom of canyon, 100 ft. below ridge, drains W.;
ascend.

70.00 Spur, projects W.; descend.

72.50 Small canyon, drains W.; ascend.

79.45 Intersect 8th. Standard Parallel South, 19.10 chs. E. of
point for
the true standard cor. of T.40 S., Rs. 15 and 16 E.
described in book "A" this group.

At point of intersection,

On surface rock, mark a cross (X) for exact cor. point,
over which,

Set an iron post, 3 ft. long, 3 ins. in dia., 30 ins. in
a large mound of stone for closing cor. of T.41 S., Rs.
15 and 16 E., with brass cap marked

T40SR16E
 S31
 ———
 S1 | S6
 CC
 R15E | R16E
 T41S
 1924

from which

A cedar, 4 ins. diam., bears S. $9\frac{1}{2}^{\circ}$ E., 49 lks.

dist., marked T 41 S R 16 E S 6 C C B T

Sandstone surface rock, marked X B0 S 1, bears
S. 7° W., 86 lks. distant.

Land, rough, broken bench; general W. exposure and
drainage.

Soil, rocky; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

Subdivision of T.41 S., R.16 E.

Chains

SUBDIVISION OF T.41 S., R.16 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. heretofore described.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling bench land near rim of mesa through scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
 S35 | S36
 1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

54.00 Head of wash, drains W. Rim ledge which bears N. and S. bears 2 chs. west.

63.70 Rim ledge, turns NW,

78.60 Leave timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T41S | R16E
 S26 | S25
 S35 | S36
 1924

Deposit a stone, 6x5x2 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain wash.

Fair grazing.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

Subdivision of T.41 S., R.16 E.

Chains	
80.12	<p>Intersect E. bdy. of the Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in dia., firmly set in the ground, marked and witnessed as described in the field notes of the survey of T.41 S., R.17 E.</p> <p>Thence</p> <p>N.89°58'W., on true line bet. secs. 25 and 36.</p> <p>Over rolling mesa through medium growth of short brush.</p>
15.00	Low rise, bears N. and S.
40.06	<p>Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{r} \frac{1}{4} \text{ } \overline{\text{S25}} \\ \text{S36} \\ 1924 \end{array}$ </div> <p>Deposit a stone, 6x3x3 ins., marked with a cross (X) on one face at base of monument.</p>
80.12	<p>The cor. of secs. 25, 26, 35 and 36.</p> <p>Land, rolling mesa; general NW. exposure and drainage.</p> <p>Soil, sandy and rocky; 3rd. rate.</p> <p>No timber.</p> <p>Undergrowth, black brush, amole and mountain rush.</p> <p>Fair grazing.</p>
	<hr/> <p>N.0°01'W., bet. secs. 25 and 26.</p> <p>Over rolling mesa through scattering timber and short undergrowth.</p>
14.80	<p>Wash, drains W. at base of sandstone ledge, bears E. and W., 80 ft. below sec. cor.; ascend.</p>
20.75	Top of ledge, 75 ft. above wash, bears E. and W.
40.00	<p>Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{r} \frac{1}{4} \\ \text{S26} \mid \text{S25} \\ 1924 \end{array}$ </div> <p>from which</p>

Subdivision of T.41 S., R.16 E.

Chains

A cedar, 12 ins.diam., bears N.40°E., 258 lks.
dist., marked $\frac{1}{4}$ S 25 B T

A cedar, 8 ins.diam., bears N.10°W., 365 lks.
dist., marked $\frac{1}{4}$ S 26 B T

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T41S	R16E
S23	S24
S26	S25
1924	

from which

A cedar, 12 ins.diam., bears S.39°W., 514 lks.
dist., marked T 41 S R 16 E S 26 B T

A cedar, 6 ins.diam., bears N.64 $\frac{3}{4}$ °W., 236 lks.
dist., marked T 41 S R 16 E S 23 B T

No other trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Good grazing.

S.89°58'E., on a random line bet. secs. 24 and 25.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.16

Intersect E. bdy. of the Tp. at the cor. of secs. 19, 24, 25 and 30 which is an iron post, 2 ins. in dia., firmly set in the ground, and marked and witnessed as described in the field notes of the survey of T.41 S., R.17 E.

Thence

N.89°58'W., on true line bet. secs. 24 and 25.

Over rolling mesa through scattering undergrowth.

40.08

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S24
	S25
	1924

Subdivision of T.41 S., R.16 E.

Chains

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument.

60.00 Enter scattering cedar and pinon timber, bears N. and S.

80.16 The cor. of secs. 23, 24, 25 and 26.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon on west portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 0° 01' W., bet. secs. 23 and 24.

Over rolling and broken mesa through scattering timber and undergrowth.

114.80 S. rim of canyon, bears E. and W.

21.80 Bottom of canyon, 150 ft. below sec. cor., drains W.; ascend.

26.00 Low spur, projects W.

37.00 N. rim of canyon, 130 ft. above bottom, bears E. and W.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

\uparrow
 S23 | S24
 1924

from which

A pinon, 9 ins. diam., bears S. 78° E., 76 lks.

dist., marked $\frac{1}{4}$ S 24 B T

A pinon, 5 ins. diam., bears S. 89° W., 61 lks.

dist., marked B T

5.00 Leave timber, bears E. and W.

0.00 Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap marked

Subdivision of T.41 S., R.16 E.

Chains

T.41 S	R.16 E
S14	S13
S23	S24
1924	

angled

Deposit a stone, 8x4x2 ins., marked with a cross (X) on one face at base of monument.

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, rocky; 4th. rate.

Timber, scattering scrub cedar and pinon on S. 55 chs.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°58'E., on a random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect E. bdy. of the Tp. 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. in dia., firmly set in the ground, and marked and witnessed as described in the field notes of the survey of T.41 S. R.17 E.

Thence

West, on true line bet. secs. 13 and 24.

Over rolling mesa through short undergrowth.

30.00 Large draw, drains NW.

40.05 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S13
$\frac{1}{4}$
S24
1924

Deposit a stone, 4x4x2 ins., marked with a cross (X) on one face at base of monument.

80.10 The cor. of secs. 13, 14, 23 and 24.

Land, rolling mesa; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Subdivision of T. 41 S., R. 16 E.

Chains

40.00 Fair grazing.

N.0°01'W., bet. secs. 13 and 14.

Over broken mesa through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S14 | S13
1924

Deposit a stone, 6x3x2 ins., marked with a cross (X) on one face at base of monument

65.00 Wide, shallow draw with no definite channel, drains NW.

75.00 Enter scattering cedar and pinon timber, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 11,12,13 and 14, with brass cap marked

T41S | R16E
S11 | S12
S14 | S13
1924

from which

A cedar, 8 ins.diam., bears S.51 $\frac{1}{2}$ °E., 164 lks.
dist., marked T41 S R 16 E S 13 B T

No other trees available.

Land, broken mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

East, on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect E. bdy. of the Tp. at the cor. of secs. 7,12, 13 and 18 which is an iron post, 2 ins. in dia., firmly set in the ground, and marked and witnessed as described

Subdivision of T.41 S., R.16 E.

Chains	in the field notes of the survey of T.41 S., R.17 E.
	Thence
	West, on true line bet. secs. 12 and 15.
	Over broken bench land through short undergrowth.
40.08	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor.; with brass cap marked
	<div style="text-align: center;"> $\begin{array}{r} S12 \\ \hline \frac{1}{4} \\ S13 \\ 1924 \end{array}$ </div>
	Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.
75.00	Enter scattering cedar and pinon timber, bears NW. and SE.
80.16	The cor. of secs. 11, 12, 13 and 14.
	Land, broken bench; general NW. exposure and drainage.
	Soil, sandy and rocky; 3rd. rate.
	Timber, cedar and pinon on W. 5.16 chs.
	Undergrowth, black brush, amole and mountain rush.
	Fair grazing.
	<hr/>
	N.0°01'W., bet. secs. 11 and 12.
	Over rolling mesa covered with short undergrowth.
18.00	Shallow drain, course W.
30.00	Rim ledge, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ S11 \mid S12 \\ 1924 \end{array}$ </div>
	Deposit a stone, 6x3x3 ins., marked with a cross (X) on one face at base of monument.
60.00	Top of rise, bears E. and W.; a small rocky butte bears W. 1 ch. distant
79.00	Shallow drain, course W.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap marked

Subdivision of T.41 S., R.16 E.

Chains

T41S S2	R16E S1
S11	S12
1924	

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling mesa; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect E. bdy. of the Tp. 7 lks. S. of the cor. of secs. 1,6,7 and 12 which is an iron post, 2 ins. in dia., firmly set in the ground and marked and witnessed as described in the field notes of the survey of T.41 S. R.17 E.

Thence

S.89°57'W., on true line bet. secs. 1 and 12. nn nn

Over rolling and broken bench land through scattering timber and short undergrowth.

13.20 Top of slope, bears N. and S.; descend.

21.50 Rim ledge, 3 chs. S., bears NW. and SE.

30.20 Leave timber, bears NW. and SE.

32.20 Rim ledge, bears N. and S.

35.00 Base of slope, bears N. and S.

40.10 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S1
S12
1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.20 The cor. of secs. 1,2,11 and 12.

Land, rolling and broken mesa; general NW. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Subdivision of T.41 S., R.16 E.

Chains

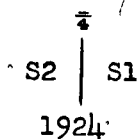
Timber, cedar and pinon on E. portion of mile.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

N.0°01'W., on true line bet. secs. 1 and 2.
Over rolling mesa covered with short undergrowth.

27.00 Rim ledge, bears NW. and SE.

30.00 Top of rise, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

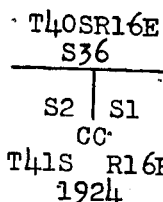


Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

79.47 Intersect 8th. Standard Parallel South, 16.17 chs. East of the standard cor. of secs. 35 and 36 described in the field notes of the survey of T.40 S., R.16 E.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for closing cor. of secs. 1 and 2, with brass cap marked



Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

From the cor. of secs. 2,3,34 and 35 on the S. bdy. of the Tp. heretofore described.

Chains

- 8.71 N. 0° 01' W., bet. sets. 34 and 35.
Over rolling and broken mesa through scattering timber and short undergrowth.
- 9.45 Wash, 20 ft. below sec. cor., drains W.
- 25.15 Wash, drains W.
- 25.65 Begin ascent over ledges, bears E. and W.
- 30.75 Top of ledges 115 ft. above wash, bears E. and W.
- 40.00 On surface rock, mark a cross at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S34 | S35
 1924

from which

- A pinon, 6 ins. diam., bears N. 88° E., 88 lks.
dist., marked $\frac{1}{4}$ S 35 B T
- A pinon, 8 ins. diam., bears N. 60 $\frac{1}{2}$ ° W., 80 lks.
dist., marked $\frac{1}{4}$ S 34 B T

- 43.10 Begin descent over ledges, bears E. and W.
- 49.90 Draw, 60 ft. below $\frac{1}{4}$ sec. cor., drains W.; ascend.
- 52.30 Begin ascent over ledges.
- 56.50 Top of ledges, 100 ft. above draw, bears E. and W.
- 60.00 Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap marked

T41S | R16E
 S27 | S26
 S34 | S35
 1924

from which

- A pinon, 14 ins. diam., bears N. 19 $\frac{3}{4}$ ° E., 340 lks.
dist., marked T 41 S R 16 E S 26 B T
- A pinon, 10 ins. diam., bears S. 49 $\frac{1}{2}$ ° W., 242 lks.
dist., marked T 41 S R 16 E S 34 B T

Subdivision of T. 41 S., R. 16 E.

Chains

A pinon, 6 ins. diam., bears N. 45° W., 175 lks.
dist., marked T 41 S R 16 E S 27 B T

No other trees available and other accessories
are impracticable.
Land, rolling and broken mesa; general W. exposure and
drainage.

Soil, rocky; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

East, on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line 9 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence

S. 89° 56' W., on true line bet. secs. 26 and 35.

Over rolling mesa through short undergrowth.

25.70 Top of rim ledge, bears NE. and SW.; descend.

28.00 Base of ledges, bears NE. and SW.; gradually descend.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S26}{S35}$
1924

Deposit a stone, 4x4x3 ins., marked with a cross (X) on
one face at base of monument.

Cor. stands 70 ft. below top of ledges.

41.90 Wash, drains NW.

79.98 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and broken mesa; general NW. exposure and
drainage.

Soil, sandy and rocky; 4th. rate.

No timber:

Undergrowth, black brush and mountain rush.

Good grazing.

.3 Subdivision of T41 S, R16 E.

Chains

N. 66° 15' W.; bet. sec. 26 and 27.

Descend over rough, broken mesa, through scattering timber and short undergrowth.

21.50 Draw, 180 ft. below sec. cor., drains NW.; ascend.

54.40 Spur, projects W.; gradually descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S27	|	S26
1924		

from which

A cedar, 8 ins. diam., bears N. 66 $\frac{1}{2}$ ° E., 158 lks.

dist., marked $\frac{1}{4}$ S 26 B T

A cedar, 8 ins. diam., bears N. 65° W., 51 lks.

dist., marked $\frac{1}{4}$ S 27 B T

44.00 Large draw, drains W. about 15 chs. to junction with draw from the south whence they form a small canyon; ascend over rim ledges.

71.00 Ridge, bears E. and W.; gradually descend.

75.00 Top of ledge and S. rim of canyon, bears E. and W.; descend abruptly 130 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T41S	|	R16E
S22	|	S23
S27	|	S26
1924		

from which

A pinon, 8 ins. diam., bears S. 38° E., 86 lks.

dist., marked T 41 S R 16 E S 26 B T

A pinon, 8 ins. diam., bears S. 73 $\frac{1}{2}$ ° W., 88 lks.

dist., marked T 41 S R 16 E S 27 B T

A pinon, 10 ins. diam., bears N. 77 $\frac{1}{2}$ ° W., 174 lks.

dist., marked T 41 S R 16 E S 22 B T

No other trees available.

Subdivision of T41 S., R. 16 E.

Chains	
	Land, rough, broken mesa; general NW. exposure and drainage.
	Soil, rocky; 4th. rate.
	Timber, scattering cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Poor grazing.
	<hr/>
	N.89°56'E., on a random line bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 14 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence
	N.89°58'W., on true line bet. secs. 23 and 26.
	Over-rolling and broken bench land through scattering timber and short undergrowth.
20.00	Drain, course NW.
31.00	Low spur, projects NW.; gradually descend.
40.01	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} .S23 \\ \frac{1}{4} \\ \hline S26 \\ 1924 \end{array}$
	from which
	A pinon, 10 ins. diam., bears S.62°W., 190 lks. dist., marked $\frac{1}{4}$ S 26 B T
	A pinon, 10 ins. diam., bears N.34°W., 204 lks. dist., marked $\frac{1}{4}$ S 23 B T
40.10	Wash, drains NW. into canyon.
47.60	Top of ledge and S. rim of canyon, bears N.85°E. and S.85°W.; descend along rough, rocky N. slope.
80.02	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling and broken mesa; general NW. exposure and drainage.
	Soil, rocky and sandy; 4th. rate.
	Timber, scattering cedar and pinon.

Chains

Undergrowth, black brush, amole and mountain rush.

Poor grazing land...

N.O.°01'W., bet. secs. 22 and 23.

Descend over rough, broken mesa sloping N. through scattering timber and short undergrowth.

4.30 Bottom of canyon and wash, 40 ft. below sec. cor., drains W.; ascend.

40.00 On surface rock, marked a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S22 | S23
 1924

from which

A pinon, 6 ins.diam., bears S.45°E., $3\frac{1}{4}$ lks. dist., marked $\frac{1}{4}$ S 23 B T

A pinon, 8 ins.diam., bears N.46 $\frac{3}{4}$ °W., 95 lks. dist., marked $\frac{1}{4}$ S 22 B T

Cor. stands 225 ft. above canyon; continue ascent.

42.80 Top of ledge and brink of canyon, bears E. and W.; thence over mesa.

46.10 Top of ledge and brink of draw, bears NE. and SW.; descend.

54.60 Wash, in draw, 60 ft. below brink, drains SW.; ascend.

67.45 Top of ledge and N. brink of draw, 90 ft. above bottom bears NE. and SW.; thence over mesa.

80.00 On surface rock; mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T41S | R16E
 S15 | S14
 S22 | S23
 1924

Subdivision of T.41 S., R.16 E.

Chains

from which

A cedar, 6 ins.diam., bears N.62°E., 91 lks.

dist., marked T 41 S R 16 E S 14 B T

A pinon, 12 ins.diam., bears S.31½°E., 180 lks.

dist., marked T 41 S R 16 E S 23 B T

A cedar, 12 ins.diam., bears S.73°W., 154 lks.

dist., marked T 41 S R 16 E S 22 B T

A pinon, 10 ins.diam., bears N.84°W., 159 lks.

dist., marked T 41 S R 16 E S 15 B T

Land, rolling and broken mesa; general NW. exposure and drainage.

Soil, rocky of sandstone formation; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

S.89°53'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. and S. line 17 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

S.89°55'W., on true line bet. secs. 14 and 23.

Over rolling mesa through scattering timber and short undergrowth.

40.04 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S14}{4} \\ S23 \\ 1924 \end{array}$$

from which

A cedar, 6 ins.diam., bears S.89°E., 90 lks.

dist., marked ¼ S 23 B T

A cedar, 8 ins.diam., bears N.34°W., 207 lks.

dist., marked ¼ S 14 B T

80.08 The cor. of secs. 14, 15, 22 and 23.

Land, rolling mesa; general NW. exposure and drainage.

Subdivision of T.41 S., R. 16 E.

Chains

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°01'W., bet. secs. 14 and 15.

Over rolling mesa through scattering timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S15 | S14
 1924

Deposit a stone, 8x4x4 ins., marked with a cross(X) on one face at base of monument.

No suitable bearing trees available.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 10,11,14 and 15, with brass cap marked

T41S | R16E
 S10 | S11
 S15 | S14
 1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling mesa; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.89°55'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line 5 lks. N. of the cor. of secs. 11,12,13 and 14.

Subdivision of T.11 S., R.16 E.

Chains	
	Thence
	S.89°57'W., on true line bet. secs. 11 and 14.
	Over rolling and broken mesa through short undergrowth.
1.00	Point of mesa, falls W.; descend.
8.15	Large drain, course NW.
40.06	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> S11 1924 </div>
	Deposit a stone, 8x4x4 ins., marked with a cross (X) on one face at base of monument.
60.15	Drain, course N.
70.00	Low rise, bears N. and S.
80.12	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling mesa; general NW. exposure and drainage.
	Soil, sandy and rocky; 3rd. rate.
	Timber, a few scattering cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Fair grazing.
	N.0°01'W., bet. secs. 10 and 11.
	Over rolling mesa through short undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> S10 | S11 1924 </div>
	Deposit a stone, 6x5x5 ins., marked with a cross (X) on one face at base of monument.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap marked
	<div style="text-align: center;"> <div style="display: inline-block; border-right: 1px solid black; padding-right: 5px;">T41S S3</div> <div style="display: inline-block; padding-left: 5px;">R16E S2</div> S10 | S11 1924 </div>

Subdivision of T.42 S., R.16 E.

Chains	<p>Deposit a stone, 7x5x5 ins., marked with a cross (X) on one face at base of monument.</p> <p>Land, rolling mesa; general NW. exposure and drainage.</p> <p>Soil, sandy and rocky; 3rd. rate.</p> <p>No timber.</p> <p>Undergrowth, black brush, amole and mountain rush.</p> <p>Fair grazing.</p>
	<p>N.89°57'E., on a random line bet. secs. 2 and 11.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect the cor. of secs. 1,2,11 and 12.
	Thence /
	S.89°57'W., on true line bet. secs. 2 and 11.
	Over rolling mesa through short undergrowth.
40.09	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\begin{array}{r} \text{S2} \\ \hline \frac{1}{4} \end{array}$ </div>
	<div style="text-align: center;"> $\begin{array}{r} \text{S11} \\ 1924 \end{array}$ </div>
	Deposit a stone, 8x4x3 ins., marked with a cross (X) on one face at base of monument.
80.18	The cor. of secs. 2,3,10 and 11.
	Land, rolling mesa; NW. exposure and drainage.
	Soil, sandy and rocky; 3rd. rate.
	No timber.
	Undergrowth, black brush, amole and mountain rush.
	Fair grazing.
	N.0°01'W., on true line bet. secs. 2 and 3.
	Over rolling and broken bench land through short undergrowth.
23.70	Wash, drains NW.; enter scattering cedar and pinon timber bears NW. and SE.
40.00	On surface rock, mark a cross (X) at exact cor. point, over which
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in

Subdivision of T.41 S., R.16 E.

Chains

a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
 S3 | S2
 1924

from which

A cedar, 18 ins.diam., bears N.50°E., 174 lks.
dist., marked $\frac{1}{2}$ S 2 B T

Sandstone surface rock, marked X B0 S3, bears
N.53 $\frac{1}{2}$ °W., 12 lks. distant.

79.55

Intersect 8th. Standard Parallel South, 15.95 chs. E.
of the standard cor. of secs. 34 and 35 described in
the field notes of the survey of T.40 S., R.16 E.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in
the ground on solid rock and in a large mound of stone
for closing cor. of secs. 2 and 3, with brass cap marked

T40SR16E /
 S35

 S3 | S2
 CC
 T41S R16E
 1924

from which

A cedar, 6 ins.diam., bears S.42°E., 174 lks.
dist., marked T 41 S R 16 E S 2 C C B T

A cedar, 8 ins.diam., bears S.55 $\frac{1}{2}$ °W., 97 lks.
dist., marked T 41 S R 16 E S 3 C C B T

Land, rolling and broken mesa; general NW. exposure and
drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of
the Tp. heretofore described.
N.0°02'W., bet. secs. 33 and 34.

Subdivision of T.41 S., R.16 E.

Over rolling bench land through scattering timber and short undergrowth.

- 10.00 Rocky butte, bears W. about 10 chs. distant.
 15.00 Wash, 15 lks. wide, 5 ft. deep, drains W.:
 17.50 Rocky knoll, bears W. about 4 chs. distant.
 25.00 Rocky butte, bears E. about 2 chs. distant.
 36.00 Rocky butte, bears W. about 3 chs. distant.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S33	|	S34
1924		

from which

A cedar, 8 ins.diam., bears N.4°40'E., 217 lks. dist., marked $\frac{1}{4}$ S 34 B T

A cedar, 10 ins.diam., bears N.87 $\frac{1}{2}$ °W., 319 lks. dist., marked $\frac{1}{4}$ S 33 B T

- 55.00 Low rise, bears E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T41S	|	R16E
S28	|	S27
S33 | S34		
1924		

from which

A cedar, 3 ins.diam., bears N.28°E., 207 lks. dist., marked BT

A cedar, 6 ins.diam., bears S.19 $\frac{1}{2}$ °E., 320 lks. dist., marked T 41 S R 16 E S 34 B T

A cedar, 3 ins.diam., bears S.20°W., 384 lks. dist., marked B T

A cedar, 3 ins.diam., bears N.32°W., 240 lks. dist., marked BT

Land, rolling bench; general W. exposure and drainage.
 Soil, sandy and rocky; 3rd. rate.

Subdivision of T.41 S., R.16 E.

Chains	
	Timber, scattering cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Poor grazing.
	<hr/>
	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line 14 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence
	N. 89° 54' W., on true line bet. secs. 27 and 34.
	Over rolling and broken bench land through scattering cedar and pinon timber and short undergrowth.
.20	Brink of mesa, bears N. and S.; descend.
5.15	Base of mesa, bears N. and S.
40.07	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<u>S27</u>
	S34 1924
	Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.
	No suitable bearing trees available.
	From this cor. a rocky spur projecting W. bears S. about 20 chs. distant.
80.14	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling and broken bench; general W. exposure and drainage.
	Soil, sandy and rocky; 3rd. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Fair grazing.
	<hr/>
	N. 0° 02' W., bet. secs. 27 and 28.
	Over rolling bench land through scattering timber and short undergrowth.
23.00	Base of sandstone ledge, bears E. and W.; ascend.

Subdivision of T.41 S., R.16 E.

Chains

- 30.00 Low ridge, bears E. and W.; thence across ridge.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S28 | S27
 1924

from which

- A cedar, 6 ins.diam., bears S.87°E., 328 lks.
 dist., marked $\frac{1}{4}$ S 27 B T
 A cedar, 8 ins.diam., bears N.18 $\frac{1}{2}$ °W., 277 lks.
 dist., marked $\frac{1}{4}$ S 28 B T

Begin descent into draw.

- 47.30 Draw, drains NW.; gradually ascend.
 54.40 Spur, projects W.
 64.40 Begin descent over series of small sandstone ledges, bears NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T41S | R16E
 S21 | S22
 S28 | S27
 1924

from which

- A cedar, 10 ins.diam., bears N.59 $\frac{1}{2}$ °E., 100 lks.
 dist., marked T 41 S R 16 E S 22 B T
 A pinon, 5 ins.diam., bears S.30 $\frac{3}{4}$ °E., 102 lks.
 dist., marked T 41 S R 16 E S 27 B T
 A pinon, 4 ins.diam., bears S.3 $\frac{1}{2}$ °W., 183 lks.
 dist., marked T.41 S R 16 E S 28 B T
 A pinon, 4 ins.diam., bears N.61 $\frac{1}{2}$ °W., 121 lks.
 dist., marked T 41 S R 16 E S 21 B T

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate..

Timber, scattering cedar and pinon.

Subdivision of T.12 S., R.16 E.

Chains	
	Undergrowth, black brush, amole and mountain rush. Fair grazing.
	S.89°54'E., on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line 14 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence West, on true line bet. secs. 22 and 27.
	Over rough, broken bench land along N. slope of canyon, through scattering timber and short undergrowth. Ascend.
7.50	Spur, 60 ft. above cor., projects N.; descend rough, broken slope.
40.07	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S22 \\ \frac{1}{4} \\ S27 \\ 1924 \end{array}$
	from which
	A pinon, 8 ins. diam., bears N.87°E., 378 lks. dist., marked $\frac{1}{4}$ S 22 B T
	A pinon, 5 ins. diam., bears S.86°E., 115 lks. dist., marked $\frac{1}{4}$ S 27 B T
41.15	Wash, in depression, drains NW.; ascend.
45.15	Sandstone point, projects N.; descend.
72.60	Wash, in draw, drains NW.; ascend.
80.14	The cor. of secs. 21, 22, 27 and 28, 75 ft. above draw. Land, rough, broken sandstone bench land; general N. exposure and W. drainage.
	Soil, rocky; 4th. rate.
	Timber, scattering cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Poor grazing.
	N.0°02'W., bet. secs. 21 and 22.
	Over rolling and broken bench land through scattering

Subdivision of T.41 S., R.16 E.

Chains

timber and short undergrowth. Descend.

5.00 Canyon, 125 ft. below sec. cor., drains W.; ascend.

15.00 Spur, projects SW. about 7 chs. distant.; descend.

20.00 Canyon, drains SW.; ascend.

38.00 N. rim of canyon, bears E. and W.; thence over rolling land.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S21	|	S22
1924		

from which

A cedar, 8 ins.diam.,bears S.33 $\frac{3}{4}$ °E., 27 lks.
dist.,marked $\frac{1}{4}$ S 22 B T

A pinon, 6 ins. diam.,bears N.86 $\frac{3}{4}$ °W., 111 lks.
dist.,marked $\frac{1}{4}$ S 21 B T

53.00 Top of wide, rolling spur, projects W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 15,16,21 and 22, with brass cap marked

T41S	|	R16E
S16	|	S15
S21	|	S22
1924		

from which

A cedar, 4 ins.diam.,bears N.41°E., 443 lks.
dist.,marked BT

A cedar, 4 ins.diam.,bears S.79°W., 255 lks.
dist.,marked BT

No other trees available.

Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high, W.of cor.
Land, rolling and broken bench; general W. exposure and drainage.

Subdivision of T.41 S., R.16 E.

Chains	Soil, rocky and sandy; 4th. rate.	0.10
	Timber, scattering cedar and pinon.	0.7
	Undergrowth, black brush and mountain rush.	0.7
	Poor grazing.	0.2
	<hr/>	
	East, on a random line bet. secs. 15 and 22.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.10	Intersect N. and S. line 5 lks. N. of the cor. of secs. 14, 15, 22 and 23.	
	Thence	
	N. $89^{\circ}58'W.$, on true line bet. secs. 15 and 22.	
	Over rolling mesa through scattering timber and short undergrowth.	
40.05	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ <u>S15</u>	
	S22	
	1924	
	from which	
	A cedar, 4 ins. diam., bears S. $46^{\circ}W.$, 227 lks. dist., marked BT	
	A cedar, 3 ins. diam., bears N. $13^{\circ}W.$, 175 lks. dist., marked BT	
80.10	The cor. of secs. 15, 16, 21 and 22.	
	Land, rolling mesa; general W. exposure and drainage.	
	Soil, sandy and rocky; 3rd. rate.	
	Timber, scattering scrub cedar and pinon.	
	Undergrowth, black brush, amole and mountain rush.	
	Fair grazing.	
	<hr/>	
	N. $0^{\circ}02'W.$, bet. secs. 15 and 16.	
	Over rolling and broken bench land through scattering timber and short undergrowth.	
5.60	Wash, in draw, drains SW.	
15.00	Leave timber, bears E. and W.	
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in	

the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S16 | S15

1924

Deposit a stone, 7x5x4 ins., marked with a cross (X) on one face at base of monument.

65.00 Enter scattering timber, bears E. and W.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in a large mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T41S	R16E
S9	S10
S16	S15
1924	

from which

A pinon, 4 ins. diam., bears N. $49\frac{3}{4}^{\circ}$ E., 126 lks. dist., marked BT

A cedar, 6 ins. diam., bears S. 89° E., 93 lks. dist., marked T. 41 S R 16 E S 15 B T

A cedar, 8 ins. diam., bears N. $3\frac{1}{2}^{\circ}$ W., 227 lks. dist., marked T 41 S R 16 E S 9 B T

A cedar, 4 ins. diam., bears S. $70\frac{1}{2}^{\circ}$ W., 252 lks. dist., marked BT

Land, rolling bench; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

S. $89^{\circ} 58'$ E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect the cor. of secs. 10, 11, 14 and 15.

Thence

N. $89^{\circ} 58'$ W., on true line bet. secs. 10 and 15.

Chains

Over broken mesa through short undergrowth.

40.06

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S10

S15

1924

Deposit a stone, 8x4x2 ins., marked with a cross (X) on one face at base of monument.

76.00

Enter scattering timber, bears N. and S.

80.12

The cor. of secs. 9, 10, 15 and 16.

Land, rolling mesa; general NW. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, cedar and pinon in western portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling mesa through scattering timber and short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S9

S10

1924

from which

A cedar, 10 ins. diam., bears N. 24° E., 260 lks.

dist., marked $\frac{1}{4}$ S 10 B T

A cedar, 8 ins. diam., bears N. 55 $\frac{1}{2}$ ° W., 185 lks.

dist., marked $\frac{1}{4}$ S 9 B T

55.00

Leave timber, bears E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T41S | R16E

S4

S3

S9

S10

1924

chains

Deposit a stone, 7x6x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general W. exposure and drainage:

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°58'E., on a random line bet. secs. 3 and 10.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.10

Intersect N. and S. line 7 lks. N. of the cor. of secs. 2,3,10 and 11.

Thence

N.89°55'W., on true line bet. secs. 3 and 10.

Over rolling mesa through short undergrowth.

40.05

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{S3}{\frac{1}{4}} \\ S10 \\ 1924 \end{array}$$

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

80.10

The cor. of secs. 3,4,9 and 10.

Land, rolling mesa; general N. exposure and drainage.

Soil, sandy and rocky; 4th. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°02'W., on true line bet. secs. 3 and 4.

Over rolling mesa through short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S4 \mid S3 \\ 1924 \end{array}$$

Subdivision of T.41 S., R.16 E.

Chains

79.40

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

Intersect 8th. Standard Parallel South, 15.83 chs. East of the standard cor. of secs. 33 and 34 described in the field notes of the survey of T.40 S., R.16 E.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for closing cor. of secs. 3 and 4, with brass cap marked

T40SR16E
S34

S4 | S3
CC
T41S R16E
1924

Deposit a stone, 5x5x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling mesa; general N. exposure and drainage.

Soil, sandy and rocky; 4th. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. heretofore described.

N.0°03'W., bet. secs. 32 and 33.

Over rolling mesa through short undergrowth.

22.30 Wash, drains NW.

25.00 Enter cedar and pinon timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S32 | S33
1924

from which

A cedar, 10 ins. diam., bears N. 64 $\frac{1}{2}$ ° E., 140 lks. dist., marked $\frac{1}{4}$ S 33 B T

Subdivision of T.41 S., R.16 E.

Chains

A cedar, 8 ins. diam., bears N. $51\frac{1}{2}^{\circ}$ W., 32 lks.
dist., marked $\frac{1}{4}$ S 32 B T

80.00 On surface rock, mark a cross (X) at exact cor. point,
over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in
a large mound of stone for cor. of secs. 28, 29, 32 and
33 with brass cap marked

T41S	R16E
S29	S28
S32	S33
1924	

from which

A pinon, 10 ins. diam., bears N. $56\frac{1}{2}^{\circ}$ E., 190 lks.
dist., marked T 41 S R 16 E S 28 B T

A pinon, 6 ins. diam., bears S. $76\frac{1}{2}^{\circ}$ E., 155 lks.
dist., marked T 41 S R 16 E S 33 B T

A pinon, 10 ins. diam., bears S. $8\frac{1}{2}^{\circ}$ W., 49 lks.
dist., marked T 41 S R 16 E S 32 B T

A cedar, 8 ins. diam., bears N. 87° W., 66 lks.
dist., marked T 41 S R 16 E S 29 B T

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence

West, on true line bet. secs. 28 and 33.

Over rolling mesa through scattering timber and short
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	S28
+	S33
	1924

Subdivision of T.41 S., R.16 E.

Chains

from which

A cedar, 8 ins.diam., bears N.18 $\frac{1}{4}$ °E., 209 lks.

dist., marked $\frac{1}{4}$ S 28 B T

A cedar, 10 ins.diam., bears S.89°W., 422 lks.

dist., marked $\frac{1}{4}$ S 33 B T

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., bet. secs. 28 and 29.

Over rolling bench land through very scattering timber and short undergrowth.

5.00 A low ridge, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S29 | S28
 1924

Deposit a stone, 8x4x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

55.00 The west edge of a rocky point, projecting from the E. bears E. about 2 chs. distant.

72.00 Top of ridge, bears E. and W.

77.00 The S. rim of canyon, bears E. and W.; descend 60 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T41S | R16E
 S20 | S21
 S29 | S28
 1924

from which

Chains

A cedar, 6 ins.diam., bears N.80°E., 140 lks.
dist., marked T 41 S R 16 E S 21 B T

A cedar, 3 ins. diam., bears S.36°E., 54 lks.
dist., marked BT

A cedar, 4 ins.diam., bears S. 4°W., 188 lks.
dist., marked T 41 S R 16 E S 29 B T

A cedar, 6 ins.diam., bears N.46°W., 348 lks.
dist., marked T 41 S R 16 E S 20 B T

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.,

30.08 Intersect N. and S. line 5 lks. N. of the cor. of secs.
21, 22, 27 and 28.

Thence

N.89°58'W., on true line bet. secs. 21 and 28.

Over broken bench land through scattering timber and
short undergrowth.

14.10 Top of ledge and rim of canyon, bears NE. and SW.; thence
along broken N. slope.

40.04 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in
the ground on solid rock and 16 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S21
+
S28
1924

from which

A cedar, 8 ins.diam., bears S.38°W., 59 lks.
dist., marked $\frac{1}{4}$ S 28 B T

A cedar, 6 ins.diam., bears N.45°W., 94 lks.
dist., marked $\frac{1}{4}$ S 21 B T

30.08 The cor. of secs. 20, 21, 28 and 29.

Subdivision of T.41 S., R.16 E.

Chains

Land, broken bench land; general N. exposure and west drainage.

Soil, rocky; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

N.0°03'W., bet. secs. 20 and 21.

Over rough, broken bench land through scattering timber and short undergrowth. Descend N. slope.

7.60 Wash, in draw, 135 ft. below sec. cor., drains W. about 5 chs. then NW.; thence over broken ground.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	↑	
S20	|	S21
	1924	

from which

A pinon, 8 ins.diam., bears N.72°E., 170 lks.
dist., marked $\frac{1}{4}$ S 21 B T

A cedar, 10 ins.diam., bears N.75°W., 123 lks.
dist., marked $\frac{1}{4}$ S 20 B T

43.40 Begin ascent over small ledges, bears E. and W.

53.30 Top of ledges, 65 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; descend.

71.30 Wash, in draw, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock marked with a cross (X) and in a large mound of stone for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T41S	|	R16E
S17	|	S16
S20	|	S21
	1924	

from which

A pinon, 10 ins.diam., bears N.44 $\frac{1}{2}$ °E., 333 lks.

Subdivision of T. 11 S. R. 16 E.

Chains

A pinon, 4 ins.diam., bears S. $67\frac{1}{2}^{\circ}$ E., 53 lks.
dist., marked BT

A pinon, 8 ins.diam., bears S. $37\frac{3}{4}^{\circ}$ W., 97 lks.
dist., marked T 41 S R 16 E S 20 B T

A cedar, 8 ins.diam., bears N. 10° W., 170 lks.
dist., marked T 41 S R 16 E S 17 B T

Land, rough, broken bench land; general W. exposure and drainage.

Soil, rocky; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

S. $89^{\circ}58'$ E., on a random line bet. secs. 16 and 21.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line 19 lks. S. of the cor. of secs.
15, 16, 21 and 22.

Thence

S. $89^{\circ}54'$ W., on true line bet. secs. 16 and 21.

Over rolling and broken mesa through scattering timber
and short undergrowth.

On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

S16
 $\frac{1}{4}$ S21
1924

from which

A cedar, 6 ins.diam., bears N. 5° E., 89 lks.
dist., marked $\frac{1}{4}$ S 16 B T

A cedar, 8 ins.diam., bears S. $3\frac{1}{2}^{\circ}$ W., 101 lks.
dist., marked $\frac{1}{4}$ S 21 B T

Top of ledge and rim of draw, bears NE. and SW.; descend.

Bottom of draw and wash, 75 ft. below brink, drains SW.;
ascend.

Subdivision of T.41 S., R.16 E.

211110

Chains

66.60 Top of ascent on N. side of draw, 85 ft. above bottom;
descend 115 ft. to

80.22 The cor. of secs. 16, 17, 20 and 21.

Land rolling and broken mesa; general N. exposure and
west drainage.

Soil, rocky; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, mountain rush and amole.

Poor grazing.

N.0°03'W., bet. secs. 16 and 17.

Over rolling and broken mesa through scattering timber
and short undergrowth.

14.00 Wash, 25 ft. above sec. cor., drains SW.

19.70 Thence over more rolling ground.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{ccc} & \frac{1}{4} & \\ & | & \\ S17 & & S16 \\ & | & \\ & 1924 & \end{array}$$

from which

A cedar, 12 ins.diam., bears N.63 $\frac{3}{4}$ °E., 441 lks.
dist., marked $\frac{1}{4}$ S 16 B T

A cedar, 12 ins.diam., bears N.17 $\frac{1}{2}$ °W., 200 lks.
dist., marked $\frac{1}{4}$ S 17 B T

47.35 Wash, in draw, drains W.

55.00 Begin ascent over rocky bench, bears E. and W.

76.15 Top of ledge, 80 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in
the ground on solid rock and in a large mound of stone
for cor. of secs. 8, 9, 16 and 17, with brass cap marked

$$\begin{array}{ccc} T41S & | & R16E \\ S8 & | & S9 \\ \hline S17 & | & S16 \\ & | & \\ & 1924 & \end{array}$$

from which

Subdivision of T.41 S., R.16 E.

Chains

A pinon, 8 ins.diam., bears N.64 $\frac{1}{2}$ °E., 198 lks.
dist., marked T 41 S R 16 E S 9 B T

A cedar, 6 ins.diam., bears S.31°E., 76 lks.
dist., marked T 41 S R 16 E S 16 B T

A cedar, 6 ins.diam., bears S.73 $\frac{1}{4}$ °W., 146 lks.
dist., marked T 41 S R 16 E S 17 B T

A cedar, 6 ins.diam., bears N.86°W., 74 lks.
dist., marked T 41 S R 16 E S 8 B T

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.89° 54'E., on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.36 Intersect N. and S. line 2 lks. S. of the cor. of secs.
9, 10, 15 and 16.

Thence

S.89°53'W., on true line bet. secs. 9 and 16.

Over rolling and broken mesa through scattering timber
and short undergrowth.

15.35 Top of ledge, bears N. and S.; descend.

17.35 Base of ledge, bears NE. and SW.

28.80 Wash, in draw, 75 ft. below top of ledge, drains SW.;
gradually ascend 35 ft. to

40.18 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in
the ground on solid rock and in a large mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

S9
+
S16
1924

from which

A cedar, 6 ins. diam., bears N.34°W., 12 lks.
dist., marked BT

Subdivision of T.41 S., R.16 E.

Section

Sandstone ledge, marked X BO S16, bears S. 61°
W., 31 lks. distant.

80.36 The cor. of secs. 8, 9, 16 and 17.
Land, rolling and broken mesa; general W. exposure and
drainage.
Soil, sandy and rocky; 4th. rate.
Timber, scattering cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

N. 0° 03' W., bet. secs. 8 and 9.

Over rough, rocky bench land through scattering timber
and short undergrowth.

4.40 S. rim of canyon, bears E. and W.; descend.

13.30 Canyon, 75 ft. below sec. cor., drains W.; ascend.

22.60 N. rim of canyon, bears E. and W.; thence over rolling
land.

25.00 Low ridge, bears E. and W.

40.00 On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
 S8 | S9
 1924

from which

A cedar, 3 ins. diam., bears N. 36 $\frac{1}{2}$ ° E., 33 lks.
dist., marked $\frac{1}{4}$ S 9 B T

A cedar, 3 ins. diam., bears S. 78 $\frac{3}{4}$ ° W., 124 lks.
dist., marked $\frac{1}{4}$ S 8 B T

51.00 S. rim of canyon, bears E. and W.; descend.

60.70 Bottom of canyon, drains W.; ascend.

63.00 Spur, projects SW.; descend.

65.00 Small draw, drains SW.; ascend.

69.00 Top of rim of draw, bears E. and W.; thence over mesa.

Subdivision of T41S, R16E.

Notes

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T41S	R16E
S5	S4
S8	S9
1924	

from which

A cedar, 3 ins. diam., bears S. $31\frac{1}{4}^{\circ}$ E., 184 lks. dist., marked BT

A cedar, 3 ins. diam., bears S. $29\frac{1}{2}^{\circ}$ W., 121 lks. dist., marked BT

No other trees available.

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N. $89^{\circ}53'$ E., on a random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.32 Intersect N. and S. line 9 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence

S. $89^{\circ}57'$ W., on true line bet. secs. 4 and 9.

Over rolling mesa through scattering timber and short undergrowth.

5.30 Drain, course SW.

50.30 Small ledge, bears N. and S.

40.16 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S4
	S9
	1924

Chains

from which

A cedar, 3 ins.diam., bears S.54°W., 89 lks.
dist., marked $\frac{1}{4}$ S 9 B T

A cedar, 4 ins. diam., bears N. 28°W., 177 lks.
dist., marked $\frac{1}{4}$ S 4 B T

80.32 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., on true line bet. secs. 4 and 5.

Over rocky mesa through scattering cedar and pinon
timber and short undergrowth.

16.50 S. rim of small canyon, bears E. and W.; descend.

22.50 Bottom of canyon, 70 ft. below sec. cor., drains W.;
ascend.

27.90 Top of N. rim of canyon, bears E. and W.; thence over
mesa.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in
the ground on solid rock and in a large mound of stone
for ' sec. cor., with brass cap marked

$\frac{1}{4}$
S5 | S4
1924

from which

A cedar, 4 ins.diam., bears S.49°E., 196 lks.
dist., marked $\frac{1}{4}$ S 4 B T

A cedar, 4 ins.diam., bears S.39°W., 69 lks.
dist., marked $\frac{1}{4}$ S 5 B T

79.45 Intersect 8th. Standard Parallel South, 15.50 chs. east
of the standard cor. of secs. 32 and 33 described in the
field notes of the survey of T.40 S., R.16 E.

At point of intersection,

On surface rock, mark a cross (X) at exact cor. point,
over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins.
in a large mound of stone for closing cor. of secs.
4 and 5, with brass cap marked

T40SR16E
S33
—
S5 | S4
CC
T41S R16E
1924

from which

A pinon, 4 ins. diam., bears S. $21\frac{1}{2}^{\circ}$ E., 133 lks.
dist., marked T 41 S R 16 E S 4 C C B T

A cedar, 9 ins. diam., bears S. $42\frac{1}{2}^{\circ}$ W., 110 lks.
dist., marked T 41 S R 16 E S 5 C C B T

Land, rolling and broken mesa; general W. exposure and
drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth; black brush, amole and mountain rush.

Poor grazing.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of
the Tp. heretofore described.

N. $0^{\circ}03'$ W., bet. secs. 31 and 32.

Ascend over rolling mesa through short undergrowth.

Low spur, projects W.

In large, wide drain, course W.

Set an iron post, 3 ft. long; 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S31 | S32
1924

from which

A cedar, 10 ins. diam., bears N. $6\frac{1}{2}^{\circ}$ W., 732 lks.
dist., marked $\frac{1}{4}$ S 31 B T

No other trees available.

Subdivision of T. 41 S. R. 16 E.

Chains

- Deposit a stone, 6x3 ins., marked with a cross, on one face at base of monument.
- 45.00 Enter cedar and pinon timber, bears E. and W.
- 65.00 Low spur, projects W.
- 70.00 Wash, drains W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap marked

T41S	R16E
S30	S29
S31	S32
1924	

from which

- A pinon, 10 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ E., 120 lks. dist., marked T 41 S R 16 E S 29 B T
- A cedar, 10 ins. diam., bears S. $59\frac{1}{2}^{\circ}$ E., 186 lks. dist., marked T 41 S R 16 E S 32 B T
- A cedar, 8 ins. diam., bears S. 4° W., 158 lks. dist., marked T 41 S R 16 E S 31 B T
- A cedar, 8 ins. diam., bears N. 15° W., 105 lks. dist., marked T 41 S R 16 E S 30 B T

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon on N. 35 chs.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

- East, on a random line bet. secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line 14 lks. N. of the cor. of secs. 28, 29, 32 and 33.
- Thence
- N. $89^{\circ}54'$ W., on true line bet. secs. 29 and 32.
- Over rolling and broken mesa through scattering timber and short undergrowth.
- 5.00 Rim ledge, bears NE. and SW.

Subdivision of T.141 S..R.16 E.

Chains

30.00 Point of spur from the E., bears N. 1 ch. distant.
 40.01 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S29}{S32}$
 1924

from which

A cedar, 10 ins.diam., bears S.84°E., 438 lks.
 dist., marked $\frac{1}{4}$ S 32 B T

A cedar, 8 ins.diam., bears N.4°30'W., 261 lks.
 dist., marked $\frac{1}{4}$ S 29 B T

68.00 Low spur, projects SW.

80.02 The cor. of secs. 29,30,31 and 32.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.68 Intersect W. bdy. of the Tp. 14 lks. N. of the cor. of
 secs. 25,30,31 and 36 heretofore described.

Thence

N.89°54'E., on true line bet. secs. 30 and 31.

Over rolling and broken mesa through scattering timber
 and short undergrowth.

1.40 Wash, drains NW.

3.50 Wash, drains NW.

9.00 Wash, drains NW.

25.45 Wash, drains SW.

37.68 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S30}{S31}$
 1924

from which

Subdivision of T.41 S., R.16 E.

Chains

A cedar, 6 ins.diam., bears S.89°E., 71 lks.
dist., marked $\frac{1}{4}$ S 31 B T
A cedar, 10 ins.diam., bears N.60 $\frac{1}{2}$ °W., 199 lks.
dist., marked $\frac{1}{4}$ S 30 B T

77.68

The cor. of secs. 29,30,31 and 32.
Land, rolling and broken mesa; general NW. exposure and drainage.
Soil, sandy and rocky; 3rd. rate.
Timber, scattering cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

N.0°03'W., bet. secs. 29 and 30.

Over rolling and broken mesa, through scattering timber and short undergrowth.

24.70

Wash, drains W.

27.80

Begin ascent over small ledges, bears E. and W.

34.70

Top of ledges, 90 ft. above sec. cor., bears E. and W.

40.00

On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S30 | S29
 1924

from which

A pinon, 8 ins.diam., bears S.73 $\frac{1}{2}$ °E., 156 lks.
dist., marked $\frac{1}{4}$ S 29 B T

A pinon, 12 ins.diam., bears S.71°W., 79 lks.
dist., marked $\frac{1}{4}$ S 30 B T

45.00

Leave timber, bears E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 19,20,29 and 30, with brass cap marked

Subdivision of T.41 S., R.16 E.

chains

THIS R16E
S19 S20
S30 S29
1924

Deposit a stone, 8x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon on S. 45 chs.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°54'E., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.10 Intersect N. and S. line 7 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

N.89°57'W., on true line bet. secs. 20 and 29.

Over broken mesa through short undergrowth.

40.05 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S20
S29
1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

30.10 The cor. of secs. 19, 20, 29 and 30.

Land, broken mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°54'W., on a random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

7.50 Intersect W. bdy. of the Tp. 7 lks. S. of the cor. of

Subdivision of T. 41 S., R. 16 E.

Chains

angles

secs. 19, 24, 25 and 30 heretofore described.

Thence

N. 89° 57' E., on true line bet. secs. 19 and 30.

Over rolling and broken mesa through very scattering scrub timber and short undergrowth.

33.70 Wash, drains SW., 70 ft. above sec. cor.

37.50 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$ S19
 S30
 1924

from which

A cedar, 8 ins. diam., bears S. 87 $\frac{1}{2}$ ° W., 367 lks.

dist., marked $\frac{1}{4}$ S. 30 B. T

No other trees available; and other accessories are impracticable.

77.50 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and broken mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 0° 03' W., bet. secs. 19 and 20.

Over broken and rolling mesa through scattering timber and short undergrowth.

20.00 Rim ledge, bears E. and W.; descend over ledges.

34.75 Wash, in draw, 150 ft. below sec. cor., drains W.; thence over rolling ground.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
 S19 | S20
 1924

CHAIN

from which

A pinon, 12 ins.diam., bears N. $65\frac{1}{4}^{\circ}$ E., 146 lks.

dist., marked $\frac{1}{4}$ S 20 B T

A cedar, 6 ins.diam., bears S. 75° W., 60 lks.

dist., marked $\frac{1}{4}$ S 19 B T

75.00 Wash, in draw, drains SW.

77.60 Ascend over small ledge, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T41S	R16E
S18	S17
S19	S20
1924	

from which

A cedar, 12 ins.diam., bears N. $70\frac{1}{2}^{\circ}$ E., 246 lks.

dist., marked T 41 S R 16 E S 17 B T

A cedar, 6 ins.diam., bears S. $22\frac{1}{2}^{\circ}$ E., 66 lks.

dist., marked T 41 S R 16 E S 20 B T

A cedar, 6 ins.diam., bears S. $79\frac{1}{2}^{\circ}$ W., 185 lks.

dist., marked T 41 S R 16 E S 19 B T

No other trees available.

Land, broken and rolling mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S. $89^{\circ}57'$ E., on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line 26 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

S. $89^{\circ}52'$ W., on true line bet. secs. 17 and 20.

Subdivision of T.41 S., R.16 E.

211310

Chains	
	Over broken mesa through scattering timber and short undergrowth.
40.03	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ <u>S17</u>
	S20
	1924
	from which
	A cedar, 12 ins.diam., bears N.37 $\frac{1}{2}$ °E., 132 lks. dist., marked $\frac{1}{4}$ S 17 B T
	A cedar, 10 ins.diam., bears S.80°E., 120 lks. dist., marked $\frac{1}{4}$ S 20 B T
43.60	Wash, in draw, drains nearly W.; thence along wash and rocky S. slope of draw.
78.00	Same wash, drains S. from the west.
80.06	The cor. of secs. 17,18,19 and 20.
	Land, broken mesa; general W. exposure and drainage.
	Soil, rocky; 4th. rate.
	Timber, scattering cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Poor grazing.
	<hr/>
	S.89°57'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.31	Intersect W. bdy. of the Tp. 2 lks. N. of the cor. of secs. 13,18,19 and 24 heretofore described.
	Thence
	N.89°56'E., on true line bet. secs. 18 and 19.
	Over rolling and rough, broken bench land through scattering timber and short undergrowth.
22.40	Wash, 40 lks. wide, 10 ft. deep, in draw, drains NW.
31.80	Large isolated rock or butte on line.
37.31	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

$\frac{1}{4}$ $\frac{S18}{S19}$
1924

from which

A cedar, 3 ins.diam., bears S. $31\frac{3}{4}^{\circ}$ E., 366 lks.
dist., marked BT

A cedar, 9 ins.diam., bears N. $49\frac{1}{2}^{\circ}$ W., 66 lks.
dist., marked $\frac{1}{4}$ S 18 B T

- 39.00 Wash, 50 lks. wide, 10 ft. deep, in draw, drains SW.;
ascend.
- 52.50 Top of slope; the base of a rocky point from the NE.,
bears N. about 1 ch. distant; descend.
- 58.00 Draw, heads about 3 chs. NE. and drains SW.; ascend.
- 64.00 Spur, projects SW.
- 66.25 Small ledge, bears NE. and SW.
- 77.31 The cor. of secs. 17, 18, 19 and 20.
Land, rolling and broken bench; general W. exposure and
drainage.
Soil, rocky and sandy; 4th. rate.
Timber, scattering cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

N. $0^{\circ}03'$ W., bet. secs. 17 and 18.

Over rough, broken mesa through scattering timber and
short undergrowth.

- 1.55 Rim ledge, bears E. and W.; descend.
- 9.00 Head of draw, 75 ft. below sec. cor., drains SW.
- 22.00 Head of main draw, drains SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in
the ground on solid rock and in a large mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S18 | S17
1924

from which

A cedar, 10 ins.diam., bears S. $43\frac{3}{4}^{\circ}$ E., 65 lks.

Chains

dist., marked $\frac{1}{4}$ S 17 B T

A cedar, 8 ins. diam., bears N. $79\frac{1}{2}^{\circ}$ W., 87 lks.

dist., marked $\frac{1}{4}$ S 18 B T

44.35 Top of rocky ridge, bears E. and W.; descend.

49.20 Base of ridge, 100 ft. below top, bears E. and W.;
thence over broken ground.

58.00 Wash, 50 lks. wide, 10 ft. deep, in draw, drains W.

65.00 Ledge, bears E. and W.; thence over mesa.

80.00 On surface rock, mark a cross (X) at exact cor. point,
over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins.
in a large mound of stone for cor. of secs. 7, 8, 17 and
18, with brass cap marked

T41S	R16E
S7	S8
S18	S17
1924	

from which

A cedar, 4 ins. diam., bears N. 78° E., 91 lks.
dist., marked BT

A cedar, 6 ins. diam., bears S. 10° E., 26 lks.
dist., marked BT

A cedar, 5 ins. diam., bears S. 25° W., 90 lks.
dist., marked BT

A cedar, 4 ins. diam., bears N. $72\frac{1}{2}^{\circ}$ W., 27 lks.
dist., marked BT

Land, rough, broken mesa; general W. exposure and
drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N. $89^{\circ}52'$ E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect N. and S. line 16 lks. N. of the cor. of secs.

CHAINS

8,9,16 and 17.

Thence

S.89°59'W., on true line bet. secs. 8 and 17.

Gradually descend rocky W. slope over broken mesa thorough scattering cedar and pinon timber and short undergrowth.

32.35 E. rim of draw, bears NE. and SW.; descend.

35.85 Draw, drains SW.; ascend.

37.50 W. rim of draw, bears NE. and SW.; thence over rolling ground.

39.93 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S8}{S17} \\ 1924 \end{array}$$

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

58.00 Top of ridge, bears NE. and SW.; thence along N. rim of ridge.

59.75 Rim ledge, bears N. and S.; descend.

71.85 Draw, drains NW.; ascend 30 ft. to

79.86 The cor. of secs. 7,8,17 and 18.

Land, broken mesa; general N. exposure and W. drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°56'W., on a random line bet. secs. 7 and 18.

0.00 Set temp. $\frac{1}{4}$ sec. cor.

7.18 Intersect W. bdy. of the Tp. 18 lks. S. of the cor. of secs. 7,12,13 and 18 heretofore described.

Thence

S.89°56'E., on true line bet. secs. 7 and 18.

Chains	
	Over rough, broken mesa along S. edge of ridge bearing E. and W., through scattering timber and short undergrowth.
37.18	Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S7 S18 1924
77.18	No suitable bearing trees available; and other accessories are impracticable. The cor. of secs. 7, 8, 17 and 18.
	Land, broken mesa; general W. exposure and drainage. Soil, rocky; 4th. rate. Timber, a few scattering cedar and pinon. Undergrowth, black brush, amole and mountain rush. Poor grazing.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over broken mesa through scattering timber and short undergrowth.
2.00	N. rim of ridge, bears E. and W.; descend.
16.50	Draw, 100 ft. below sec. cor., drains W.
21.85	Begin ascent over S. slope, bears E. and W.
35.30	Ridge, 75 ft. above draw, bears E. and W.; thence over top of ridge.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 26 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S7 | S8 1924
	from which
	A cedar, 4 ins. diam., bears S. 88° E., 100 lks. dist., marked $\frac{1}{4}$ S 8 B T
	A cedar, 3 ins. diam., bears N. 61° W., 76 lks. dist., marked $\frac{1}{4}$ S 7 B T

Subdivision of T.41 S., R.16 E.

Chains

- 42.90 N. rim of ridge, bears N. and W.; descend.
- 55.50 Bottom of large wash in draw; 125 ft. below ridge, drains W.; ascend 150 ft. to
- 75.00 Top of ridge, bears E. and W.; thence across ridge.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 5, 6, 7 and 8, with brass cap marked

T41S	R16E
S6	S5
S7	S8
1924	

from which

- A cedar, 4 ins. diam., bears N. 38° E., 100 lks.
dist., marked T 41 S R 16 E S 5 B T
- A cedar, 4 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ E., 46 lks.
dist., marked T 41 S R 16 E S 8 B T
- A cedar, 8 ins. diam., bears S. 75° W., 130 lks.
dist., marked T 41 S R 16 E S 7 B T
- A cedar, 4 ins. diam., bears N. $36\frac{1}{2}^{\circ}$ W., 59 lks.
dist., marked T 41 S R 16 E S 6 B T

Land, broken mesa; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N. $89^{\circ}59'$ E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{3}{4}$ sec. cor.

79.88 Intersect N. and S. line 11 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S. $89^{\circ}54'$ W., on true line bet. secs. 5 and 8.

Over broken mesa, through scattering timber and short undergrowth.

5.90 E. rim of small canyon, bears NE. and SW.; descend.

21.60 Bottom of small canyon, drains SW.; ascend.

Subdivision of T. 41 S. 3. 16 E.

Chains		
28.00	Top of spur, between canyons, projects SW.	00.34
30.20	Top of ledge and E. rim of large draw or canyon, bears NE. and SW.; descend.	00.34
39.94	On surface rock, mark a cross (X) at exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked	00.08
	$\frac{1}{4} \begin{array}{r} S5 \\ S8 \\ 1924 \end{array}$	
	from which	
	A cedar, $\frac{1}{4}$ ins. diam., bears S. 20° E., 67 lks. dist., marked $\frac{1}{4}$ S 8 B T	
	A cedar, $\frac{1}{4}$ ins. diam., bears N. 38° W., 32 lks. dist., marked $\frac{1}{4}$ S 5 B T	
52.90	Bottom of large draw, 125 ft. below $\frac{1}{4}$ sec. cor., drains SW.; ascend 100 ft. to	
66.70	Top of W. rim of draw, bears NE. and SW.; thence across ridge.	
79.88	The cor. of secs. 5, 6, 7 and 8. Land, broken mesa; general W. exposure and drainage. Soil, rocky and sandy; 4th. rate. Timber, scattering cedar and pinon. Undergrowth, black brush, amole and mountain rush. Poor grazing.	
	N. 89° 56' W., on a random line bet. secs. 6 and 7.	00.00
40.00	Set temp. $\frac{1}{4}$ sec. cor.	00.27
76.98	Intersect W. bdy. of the Tp. at the cor. of secs. 1, 6, 7 and 12 heretofore described. Thence S. 89° 56' E., on true line bet. secs. 6 and 7. Over broken mesa through scattering timber and short undergrowth.	00.27 00.27 00.27

Chains

36.98 On surface rock, mark a cross at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S6
S7
1924

from which

A cedar, 6 ins.diam., bears N.77 $\frac{1}{2}$ °E., 116 lks.
dist., marked $\frac{1}{4}$ S 6 B T

A cedar, 8 ins.diam., bears S.39 $\frac{1}{2}$ °W., 92 lks.
dist., marked $\frac{1}{4}$ S 7 B T

76.98 The cor. of secs. 5,6,7 and 8.

Land, broken mesa; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., on true line bet. secs. 5 and 6.

Over rolling and broken mesa through scattering timber and short undergrowth.

24.00 Head of small canyon, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S6 | S5
1924

from which

A cedar, 4 ins.diam., bears N.67°E., 94 lks.
dist., marked $\frac{1}{4}$ S 5 B T

A cedar, 4 ins.diam., bears N.69°W., 46 lks.
dist., marked $\frac{1}{4}$ S 6 B T

43.50 Top of rise, bears E. and W.

Subdivision of T.41 S., R.16 E.

Chains

64.00 Wash; drains W. 89.35
 68.40 Rock rim, bears NW. and SE.
 79.59 Intersect 8th. Standard Parallel South, 15.70 chs. east
 of the standard cor. of secs. 31 and 32 described in
 the notes of the survey of T.40 S., R.16 E.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in
 the ground on solid rock and 10 ins. in a mound of
 stone for closing cor. of secs. 5 and 6, with brass cap
 marked

T40SR16E
 S32

S6 | S5

CC

T41S R16E
 1924

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

No suitable bearing trees available.

Land, rolling and broken mesa; general W. exposure and
 drainage.

Soil, rocky; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

MEANDERS LEFT BANK OF SAN JUAN RIVER,
UP STREAM

Owing to the inaccessible country along which the left bank of the San Juan River flows and my inability to reach the river bank on account of high ledges, I run the meander line on an offset as follows:

From the witness cor. to the meander cor. of secs. 1 and 36 on the N. bdy. of T.41 S., R.16 E. which is 9.44 chs. west of the true cor. point as described in the field notes of the 8th. Standard Parallel South, through R.16 E., this township; I run with offset meanders in sec. 1:

S.60°27'E.

Along wall of canyon.

At 24.00 chs. the left bank of river at base of ledges, bears N.29°33'E., 2 chs. distant.

At 36.00 chs., intersect witness cor. to the meander cor. of secs. 1 and 6 E.bdy. T.41 S., R.16 E. which is 2.50 chs. S. of true cor. point as described in the field notes of the survey of T.41 S., R.17 E,

Land, rough mountainous.

Soil, 4th. rate, rocky.

No timber.

Undergrowth, short black brush and mountain rush.

Boundaries of T.41 S., R.16 E.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines designated	True bearing	Distances	Latitudes		Departures	
			N	S	E	W
		chs	chs	chs	chs	chs
S. bdy. T41S R16E	West	477.82	.....	.....	.....	477.82 ✓
W. bdy. "	North	479.45	479.45	.....	.....	.....
N.bdy. "	East	397.07	.....	.....	397.07	.....
Bet.secs.1 & 2	S.0°01'E	79.47	.....	79.47	.02	.....
Bet.secs.1 & 12	N.89°57'E	80.20	.07	.....	80.20	.....
E. bdy. T41S R16E	South	400.00	.....	400.00	.....	.....
Convergency			.....	.....	.55	.....

Totals 479.52 479.47 477.84 477.82 ✓
Error in latitude = 479.47 - 477.82
Error in departure = .05 .02

GENERAL DESCRIPTION

The land embraced within this township consists of rough and rolling bench lands or mesas cut by deep canyons and rim ledges. The rough land lies in the west half and south east quarter with rolling land in the north-east quarter. The township has a general west exposure and drainage and lies about 5000 ft. above sea level. The soil is sandy and rocky and may be classed as 3rd. and 4th rates and is of a sandstone formation. In scattering districts in the township some sandy loam of good quality is found.

Scrub cedar and pinon is the prevailing timber and with this a short undergrowth of black brush, amole and mountain rush is found.

We find no indications of mineral in the township.

The San Juan River crosses the northeast corner of the township and is the only water within the township.

There are no settlers living in the township.

No magnetic declination taken on account of defective needles.

CERTIFICATE OF UNITED STATES SURVEYOR.

~~TRANSITMEN~~

Willis W. Bandy

Chas F. Moore

transitmen

U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 19th day of September 1923 we have well, faithfully, and truly our in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of 8th. Standard Parallel South, through range 16 East; survey of the south and west boundaries and subdivision and meanders of the left bank San Juan River, all in T. 41 S., R. 16 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in and date diagram us on dates as shown on diagram the foregoing field notes as having been executed by us and under our direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.
Certified to at Salt Lake City
Utah, Nov. 10, 1924
Certified to at Bluff, Utah,
December 10, 1924

Willis W. Bandy
U. S. Transitman
Chas F. Moore U. S. Surveyor
Transitman

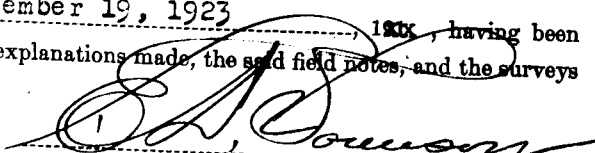
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
 Salt Lake City, Utah

March 23, 1925

The foregoing field notes of the survey of the 8th Standard Parallel South, Through Range 16 East, South and West Boundaries, Subdivision and Meanders of Township 41 South, Range 16 East of the Salt Lake Base and Meridian

executed by Charles F. Moore and Willis W. Bandy, U.S. Transitmen under his special instructions dated September 19, 1923, 1923, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


E. A. Johnson
 U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

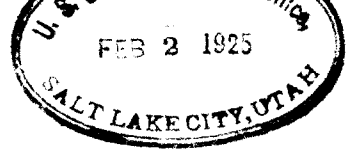
U. S. Surveyor General.

Blank

Page

Blank

Page



BOOK A-475

B

FIELD NOTES

OF THE SURVEY OF THE

SOUTH AND WEST BOUNDARIES AND SUBDIVISION

OF

T. 42 S., R. 16 E.

Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

CHAS. F. MOORE

AND

WILLIS W. BANDY

the capacity of U. S. Surveyor s., under instructions dated September 19, 1923

ued by the United States Surveyor General to govern surveys included in

oup No. 150, which were approved by the Commissioner of the General Land

ice, September 28, 1923 ; and assignment instructions dated

cember 4 and 19, 1923.

Survey commenced March 17, 1924

Survey completed April 9, 1924

INDEX DIAGRAM.

Township 42 South , Range 16 East

15	68	5	54	4	44	3	35	2	26	1
67	67	53	43	34	24					
14	66	6	52	9	42	10	33	11	23	12
65	64	51	42	32	22					
13	63	17	50	16	41	15	31	14	21	18
62	61	50	40	31	20					
11	60	20	48	21	39	22	30	23	20	24
59	58	47	39	29	19					
10	57	29	46	28	38	27	28	26	17	25
56	56	46	37	28	17					
9	54	32	45	33	36	34	27	35	16	26
8	7	6	5	5	4					

Date diagram.

4-8-24	6 4-9-24	4-8-24	5 4-8-24	4-7-24	4 4-7-24	4-5-24	3 4-5-24	4-5-24	2 4-5-24	3-24-24	1 3-24-24
4-8-24	7 4-9-24	4-8-24	8 4-8-24	4-7-24	9 4-5-24	4-5-24	10 4-4-24	4-4-24	11 4-4-24	3-24-24	12 3-20-24
4-8-24	18 4-9-24	4-8-24	17 4-5-24	4-5-24	16 4-4-24	4-4-24	15 4-4-24	4-4-24	14 3-20-24	3-20-24	13 3-20-24
4-8-24	19 4-7-24	4-5-24	20 3-22-24	4-4-24	21 3-22-24	4-4-24	22 3-19-24	3-19-24	23 3-20-24	3-20-24	24 3-20-24
4-8-24	30 3-22-24	3-22-24	29 3-22-24	3-22-24	28 3-19-24	3-19-24	27 3-19-24	3-19-24	26 3-17-24	3-17-24	25 3-17-24
3-22-24	31 3-22-24	3-22-24	32 3-22-24	3-19-24	33 3-19-24	3-19-24	34 3-19-24	3-17-24	35 3-17-24	3-17-24	36 3-17-24

Lines dated and colored with red ink were surveyed by
by Chas F. Moore, U. S. transitman.

Lines dated and colored with black ink were surveyed by
Willis W. Bandy, U. S. transitman.

INSTRUMENTAL EQUIPMENT

Survey commenced March 17, 1924 and executed with Buff and Buff transit No. 9220 used by Chas F. Moore, U.S. transitman and Young and Sons transit No. 8396 used by Willis W. Bandy, U. S. transitman; both instruments are equipt with full vertical circles and Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachments.

The instruments were approved for use in this survey, conditional upon satisfactory field tests, by the Asst. Supervisor of Surveys for Utah in assignment instructions dated December 4 and 19, 1923.

TEST OF INSTRUMENTS

For preliminary and final tests of instruments see survey of T.43 S., R.16 E., book "D", this group.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE

The east boundary has been established under Group 149, Utah; and the north boundary during the survey of

South boundary of T.42 S., R.16 E.

T.41 S., R.16 E., the record of which appears in the field notes of the survey of T.41 S., R.16 E.

The corner of Tps. 42 and 43 S., Rs. 15 and 16 E. is established at the intersection of a line run west from the cor. of Tps. 42 and 43 S., Rs. 16 and 17 E., with one run south from the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E.; fractional distance of the south boundary is placed in the western half mile and that of the west boundary in the northern half mile.

The township is subdivided regularly from south to north and from east to west.

SOUTH BOUNDARY OF T.42 S., R.16 E.

I begin at the cor. of Tps. 42 and 43 S., Rs. 16 and 17 E. which is an iron post, 3 ins. in dia., established by me and recorded in the field notes of the survey of T. 42 S., R. 17 E.

Thence

West, on a random line along the S. bdy. of T.42 S., R. 16 E., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs., and, at

478.36 (Computed) Set temp. cor. of Tps. 42 and 43 S., Rs. 15 and 16 E.

From the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E. which is an iron post, 3 ins. in dia., established by me and described in the field notes of the survey of T.41 S., R.16 E.

South, on random line along the W. bdy. of T.42 S., R.16 E. setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. and, at

480.20 Fall 12 lks. E. of the temp. cor. of Tps. 42 and 43 S., Rs. 15 and 16 heretofore described.

The distance of the south boundary therefore is 478.24 chs. and that of the west boundary is 480.20 chs.

4
South boundary of T. 42 S., R. 16 E.

Chains

Thence from the cor. of Tps. 42 and 43 S., Rs. 16 and 17 E.

West, on true line bet. secs. 1 and 36.

Over rolling bench land through scattering timber and short undergrowth.

14.90 Low ridge, bears NW. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S36} \\ S1 \\ 1924 \end{array}$$

Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

58.30 Rim ledge, bears NW. and SE.; descend 40 ft. to

73.00 Wash, drains SW.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap marked

$$\begin{array}{c|c} T42S & R16E \\ \hline S35 & S36 \\ \hline S2 & S1 \\ T43S & \\ 1924 & \end{array}$$

from which

A cedar, 6 ins.diam., bears N. 42 $\frac{1}{2}$ ° E., 124 lks.
dist., marked T 42 S R 16 E S 35 B T

A pinon, 4 ins.diam., bears S. 39° 50' E., 152 lks.
dist., marked T 43 S R 16 E S 1 B T

A cedar, 8 ins.diam., bears S. 78 $\frac{1}{2}$ ° W., 77 lks.
dist., marked T 43 S R 16 E S 2 B T

A cedar, 6 ins.diam., bears N. 57 $\frac{1}{2}$ ° W., 99 lks.
dist., marked T 42 S R 16 E S 35 B T

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

South Boundary of T.42 S., R.16 E.

Timber, scattering cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

West, bet. secs. 2 and 35.

Over rolling bench land through scattering timber and short undergrowth.

10.00 Leave timber, bears NE. and SW.

32.10 Old road, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ } \overline{\text{S35}} \\ \text{S2} \\ 1924 \end{array}$$

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

Cor. stands 50 ft. below sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked

$$\begin{array}{c|c} \text{T42S} & \text{R16E} \\ \hline \text{S34} & \text{S35} \\ \hline \text{S3} & \text{S2} \\ \text{T43S} & \\ 1924 & \end{array}$$

Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands 50 ft. below $\frac{1}{4}$ sec. cor.

Land, rolling bench; general NW. exposure and drainage

Soil, sandy and rocky; 3rd. rate.

Timber, scattering cedar and pinon on E. 10.00 chs.

Undergrowth, short black brush and mountain rush.

Fair grazing.

West, bet. secs. 3 and 34.

Over rolling bench land through short undergrowth.

20.00 Low ridge, bears NW. and SE.

South boundary of T.42 S., R.16 E.

Chains

25.00 Enter very scattering timber, mostly dead, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S34}{S3} \\ 1924$$

from which

A cedar, 8 ins.diam., bears S.43 $\frac{1}{2}$ °E., 40 lks.
dist., marked $\frac{1}{4}$ S 3 B T

A cedar, 8 ins.diam., bears N.80 $\frac{3}{4}$ °W., 45 lks.
dist., marked BT

58.00 Leave scattering timber, bears NW. and SE.

71.00 Small draw, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 3,4,33 and 34, with brass cap marked

$$\begin{array}{c|c} T42S & R16E \\ S33 & S34 \\ \hline S4 & S3 \\ T43S & \\ 1924 & \end{array}$$

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy loam and sandstone surface rock; 3rd.rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush.

Fair grazing.

West, bet. secs. 4 and 33.

Over rolling bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S33}{S4} \\ 1924$$

South Boundary of T.42 S., R.16 E.

Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

Descend over small ledge and enter scattering scrub cedar and pinon, bears NE. and SW.

On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T42S	R16E
S32	S33
S5	S4
T43S	
1924	

from which

A cedar, 4 ins.diam., bears N.21°E., 231 lks. dist., marked BT

A cedar, 4 ins.diam., bears S.40°W., 242 lks. dist., marked BT

A cedar, 4 ins.diam., bears N.82°W., 383 lks. dist., marked BT

No other trees available.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon on W. portion of mile.

Undergrowth, black brush and mountain rush.

Fair grazing.

West, bet. secs. 5 and 32.

Over rolling bench land through scattering short undergrowth.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S32
	S5
	1924

South Boundary of T.42 S., R.16 E.

Chains

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

52.40

Wash, 60 lks. wide, 5 ft. deep, drains NW.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T42S	R16E
S31	S32

S6	S5
T43S	
1924	

Deposit a stone, 8x5x5 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Fair grazing.

West, bet. secs. 6 and 31.

Over rolling bench land through very scattering scrub timber and short undergrowth.

40.00

On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S31
S6	
1924	

from which

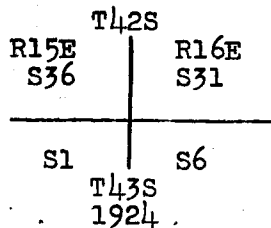
A cedar, 10 ins.diam., bears S.65°W., 186 lks. dist., marked BT

A cedar, 10 ins.diam., bears N.20°W., 137 lks. dist., marked $\frac{1}{4}$ S 31 B T

78.24

Set an iron post, 3 ft. long, 3 ins. in dia., 18 ins. in the ground on solid rock and in a large mound of stone for cor. of Tps. 42 and 43 S., Rs. 15 and 16 E., with

brass cap marked



No bearing trees available or other accessories practicable.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

WEST BOUNDARY OF T.42 S., R.16 E.

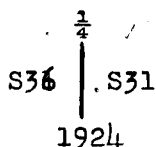
From the cor. of Tps. 42 and 43 S., Rs. 15 and 16 E.

North, bet. secs. 31 and 36.

Over rolling and broken bench land through scattering scrub timber and short undergrowth.

3.70 Ascend over small sandstone outcropping, bears NE. and SW.

0.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 10 ins.diam., bears N.72°W., 176 lks.

dist., marked $\frac{1}{4}$ S 36 B T

No other trees available; other accessories impracticable.

8.30 Draw, drains W.

2.60 Ascend over sandstone ledge, bears NE. and SW.

0.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., in a large mound of stone for cor. of secs. 25, 30, 31 and 36, with brass cap marked

West Boundary of T.42 S., R.16 E.

Chains

T42S	
R15E	R16E
S25	S30
S36	S31
1924	

from which

A pinon, 20 ins.diam., bears N.89°E., 56 lks.
dist., marked T 42 S R 16 E S 30 B T

A pinon, 6 ins.diam., bears S.60°E., 59 lks.
dist., marked T 42 S R 16 E S 31 B T

A cedar, 8 ins.diam., bears S.86½°W., 85 lks.
dist., marked T 42 S R 15 E S 36 B T

A pinon, 12 ins. diam., bears N.79¾°W., 236 lks.
dist., marked T 42 S R 15 E S 25 B T

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 25 and 30.

Over rough, broken bench land through scattering scrub timber and short undergrowth.

13.85 Shallow draw, drains NW.; ascend over sandstone out-croppings, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼	
S25	S30
1924	

from which

A pinon, 6 ins.diam., bears S.12°E., 50 lks.
dist., marked ¼ S 30 B T

A pinon, 8 ins.diam., bears N.33°W., 97 lks.
dist., marked ¾ S 25 B T

13.60 Road, bears NW. to Moonlight and SE. to Bluff, Utah.

West Boundary of T.42 S., R.16 E.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T42S	
R15E	R16E
S24	S19
S25 S30	
1924	

from which

A pinon, 6 ins.diam., bears N.32°E., 66 lks.

dist., marked T 42 S R 16 E S 19 B T

A pinon, 10 ins.diam., bears S.9½°E., 317 lks.

dist., marked T 42 S R 16 E S 30 B T

A pinon, 4 ins.diam., bears S.76½°W., 185 lks.

dist., marked BT

A pinon, 10 ins.diam., bears N.40°W., 258 lks.

dist., marked T 42 S R 15 E S 24 B T

Land, rough, broken bench; general NW. exposure and drainage.

Soil, rocky and sandy, sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

North, bet. secs. 19 and 24.

Over rough, broken bench land through scattering timber and short undergrowth.

4.20 Brink of canyon, bears NW. and SE.; descend.

7.60 Bottom of canyon and wash, 130 ft. below sec. cor., drains NW.; thence over broken ground.

0.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼	
S24	S19
1924	

West Boundary of T.42 S., R.16 E.

Chains

from which

A cedar, 4 ins.diam., bears S.24 $\frac{1}{2}$ °E., 30 lks.
dist., marked BT

A cedar, 6 ins. diam., bears S.32 $\frac{3}{4}$ °W., 80 lks.
dist., marked S 24 B T

48.90

Wash, in draw, drains SW.

57.00

Base of sandstone ledge, bears NW. and SE.

59.90

Top of ledge, 50 ft. above base, bears NW. and SE.;
continue ascent over sandstone outcroppings.

64.90

Top of sandstone outcroppings, bears E. and W.

80.00

On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in
a large mound of stone for cor. of secs. 13, 18, 19 and 24
with brass cap marked

T42S	
R15E	R16E
S13	S18
S24	S19
1924	

from which

A cedar, 8 ins.diam., bears N.74 $\frac{1}{2}$ °E., 51 lks.
dist., marked T 42 S R 16 E S 18 B T

A pinon, 10 ins.diam., bears S.34 $\frac{3}{4}$ °E., 133 lks.
dist., marked T 42 S R 16 E S 19 B T

A pinon, 8 ins.diam., bears S.37 $\frac{3}{4}$ °W., 113 lks.
dist., marked T 42 S R 15 E S 24 B T

A cedar, 4 ins.diam., bears N.15°W., 95 lks.
dist., marked T 42 S R 15 E S 13 B T

Land, rough, broken bench; general NW. exposure and
drainage.

Soil, rocky of sandstone formation and shallow sand;
4th. rate..

Timber, scattering scrub cedar and pinon.

Undergrowth, short black brush and mountain rush.

Poor grazing.

North, bet. secs. 13 and 18.

Over rough bench land through scattering timber and short undergrowth.

16.75 Top of S. brink of canyon, bears NW. and SE.; descend.

37.25 Bottom of canyon and wash, 15 lks. wide, 5 ft. deep, 135 ft. below brink of canyon, drains NW.; water in pools in wash.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S13 | S18
 1924

from which

A cedar, 10 ins. diam., bears N. 2° E., 293 lks. dist., marked $\frac{1}{4}$ S 18 B T

A cedar, 6 ins. diam., bears N. 51° W., 180 lks. dist., marked $\frac{1}{4}$ S 13 B T

49.00 Same wash in canyon, drains NE.

51.70 Same wash in canyon, drains NW.; ascend over sandstone ledges, bears NW. and SE.

63.70 Top of ledges and edge of bench, bears NW. and SE.

70.50 Top of ledge and brink of small canyon, bears E. and W.; descend.

74.65 Wash, in bottom of canyon, 70 ft. below brink, drains W.; ascend.

75.50 Top of ledge and N. brink of canyon, bears E. and W.

80.00 At base of sandstone ledge, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 7, 12, 13 and 18, with brass cap marked

T42S
 R15E | R16E
 S12 | S7
 S13 | S18
 1924

West Boundary of T.42 S., R.16 E.

Chains

from which

A cedar, 10 ins.diam., bears N. $55\frac{1}{2}^{\circ}$ E., 72 lks.
dist., marked T 42 S R 16 E S 7 B T

A cedar, 8 ins.diam., bears S. $49\frac{1}{2}^{\circ}$ E., 73 lks.
dist., marked T 42 S R 16 E S 18 B T

A cedar, 8 ins.diam., bears S. $42\frac{1}{2}^{\circ}$ W., 78 lks.
dist., marked T 42 S R 15 E S 13 B T

No other trees available.

Land, rough bench; general NW. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

North, bet. secs. 7 and 12.

Over rough bench land through very scattering timber and short undergrowth. Ascend over sandstone ledges.

3.40 Top of ledges, 80 ft. above cor., bears NE. and SW.

24.50 Top of ledge and brink of canyon, bears NE. and SW.; descend.

28.00 Wash, in bottom of canyon, 100 ft. below brink, drains SW.; ascend.

30.75 Top of ledge and N. brink of canyon, bears NE. and SW.; gradually ascend over broken ground.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S12 | S7.
1924

No suitable bearing trees available.

52.85 Top of low ridge, bears NW. and SE.

78.00 Point of rocky spur, bears E. about 1 ch. distant.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1, 6, 7 and 12, with brass

West Boundary of T.42 S., R.16 E.

Chains

cap marked

T42S	
R15E	R16E
S1	S6
S12	S7
1924	

from which

A cedar, 10 ins.diam., bears S.52 $\frac{1}{2}$ °E., 119 lks.

dist., marked T 42 S R 16 E S 7 B T

A cedar, 10 ins.diam., bears S.15 $\frac{1}{2}$ °W., 140 lks.

dist., marked T 42 S R 15 E S 12 B T

No other trees available; other accessories impracticable.

Land, rough, broken bench; general W. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

North, bet. secs. 1 and 6.

Over rolling bench land through short undergrowth.

Wash, drains SW.; ascend over sandstone ledge.

Top of ledge, 35 ft. above sec. cor., bears NW. and SE.; thence over rolling ground.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S1	S6
1924	

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

The cor. of Tps. 41 and 42 S., Rs. 15 and 16 E. heretofore described.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Chains

SUBDIVISION OF T.42 S., R.16 E.

From the cor. of secs. 1,2,35 and 36 on the S. bdy. of the Tp. heretofore described.

N.0°01'W., bet. secs. 35 and 36.

Over rolling bench land through scattering scrub timber and short undergrowth.

14.10 Low spur, projects W.; descend.

23.00 Shallow draw, near head, drains SW.; ascend.

30.85 Top of low spur, projects SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S35 | S36
 1924

from which

A cedar, 6 ins.diam., bears S.10°E., 187 lks. dist., marked $\frac{1}{4}$ S 36 B T

A pinon, 6 ins.diam., bears S.6 $\frac{1}{2}$ °W., 218 lks. dist., marked $\frac{1}{4}$ S 35 B T

66.40 Wash, drains NW.

77.00 Wash, drains SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 25,26,35 and 36, with brass cap marked

T42S | R16E
 S26 | S25
 S35 | S36
 1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair. grazing.

chains

- East, on a random line bet. secs. 25 and 36
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect E. bdy. of the Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36 which is an iron post, 2 ins. in dia., firmly set in the ground and marked and witnessed as described in the field notes of the survey of T.42 S., R.17 E.
- Thence
- N.89°58'W., on true line bet. secs. 25 and 36.
- Over rolling bench land through short undergrowth.
- 26.10 Enter scattering cedar and pinon timber, bears N. and S.
- 36.60 Top of ledge and brink of mesa, bears N. and S.; descend.
- 59.00 Rim ledge, bears N. and S.
- 40.06 On break of mesa.
- Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\frac{1}{4} \frac{S25}{S36}$$

1924
- No suitable bearing trees or other bearing objects available, other accessories also impracticable.
- 2.00 Ledge, bears NW. and SE.
- 8.00 Wash, in shallow draw, drains SW.
- 0.12 The cor. of secs. 25, 26, 35 and 36.
- Land, rolling and broken bench; general W. exposure and drainage.
- Soil, sandy and sandstone surface rock; 4th. rate.
- Timber, scattering scrub cedar and pinon.
- Undergrowth, black brush and mountain rush.
- Poor grazing.

N.0°01'W., bet. secs. 25 and 26.

Over broken bench land through very scattering scrub timber and short undergrowth.

5.00 Base of spur, bears NW. and SE.; ascend.

Subdivision of T.42 S., R.16 E.

Chains

- 18.30 Top of spur, 85. ft. above sec. cor., projects NW.; descend to rolling land.
- 40.00 Set an iron post, 3 ft. long, 1. in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S26	|	S25
1924		

Deposit a stone, 5x5x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Cor. stands 80 ft. below top of spur.

44.40 Wash, drains W.

55.00 Begin ascent over sandstone outcroppings, bears NW. and SE.

78.50 Top of sandstone spur, 180 ft. above $\frac{1}{4}$ sec. cor., projects NW.; descend.

80.00 Set an iron post, 3 ft. long, 2. ins. in dia., 28 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T42S	|	R16E
S23	|	S24
S26	|	S25
1924		

from which

A cedar, 6 ins. diam., bears N. 74° E., 218 lks. dist., marked BT

A sandstone outcropping, marked X B0, bears S. 45 $\frac{1}{2}$ ° E., 27 lks. distant.

A cedar, 8 ins. diam., bears S. 79 $\frac{1}{2}$ ° W., 76 lks. dist., marked BT

A cedar, 12 ins. diam, bears N. 18 $\frac{3}{4}$ ° W., 352 lks. dist., marked BT.

Note: The bearing trees at this cor. are scrubby and the full quota of markings could not be placed upon them.

Land, broken bench; general W. exposure and drainage.

Soil, rocky and sandy of sandstone formation; lth. rate.

Chains

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

S. 89°58'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect E. bdy. of the Tp. 9 lks. S. of the cor. of secs. 19, 24, 25 and 30 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T. 42 S., R. 17 E.

Thence

S. 89°58'W., on true line bet. secs. 24 and 25.

Over rolling and broken bench land through scattering timber and short undergrowth.

5.00 Leave timber, bears N. and S.

12.20 W. rim of mesa, bears N. and S.; descend.

23.00 End of rocky point, extending W. from mesa, bears N. about 1 ch. distant.

30.30 Top of rim ledge, bears NW. and SE.; descend 180 ft. to

40.05 On surface rock, mark a cross (X) at exact cor. point, over which

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S24 /
 $\frac{1}{4}$ ———

S25
1924

from which

A pinon, 10 ins. diam., bears S. 10 $\frac{1}{2}$ °E., 81 lks. dist., marked $\frac{1}{4}$ S 25 B T

A pinon, 8 ins. diam., bears N. 2°W., 94 lks. dist., marked $\frac{1}{4}$ S 24 B T

Cor. stands in bottom of large draw, drains SW.; ascend.

56.60 Spur, 60 ft. above $\frac{1}{4}$ sec. cor. projects SW.; asc. 85 ft. to

75.00 Top of rocky spur, projects SW.; desc. 55 ft. along NW. slope to

Chains

80.10 The cor of secs. 23, 24, 25 and 26.
Land, rolling and broken bench; general W. exposure and drainage.
Soil, sandy and rocky, 3rd. rate.
Timber, scattering cedar and pinon.
Undergrowth, black brush and mountain rush.
Poor grazing.

N. 0°1'W., bet. secs. 23 and 24.

Over rolling bench land through scattering undergrowth.

38.10 Road, bears E. to bluff and W. to Moonlight, Utah.

40.00 Set an iron post, 3 ft. long, 1 in. in dia. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S23 | S24
1924

Deposit a sandstone, 6x4x4 ins., marked with a (X) on one face at base of monument.

63.70 Draw, drains SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia. 28 ins. in the ground for cor of secs. 13, 14, 23 and 24, with brass cap marked

T42S R 16E
S14 | S13
S23 | S24
1924

Deposit a sandstone, 4x3x3 ins., marked with a (X) on one face at base of monument.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy loam and rocky; 3rd. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

N. 89°58'E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Chains

80.96 Intersect E. bdy. of the Tp. 2 lks. N. of the cor. of
secs. 13, 18, 19 and 24 which is an iron post, 2 ins. in
dia., firmly set, and marked and witnessed as described
in the field notes of the survey of T. 42 S., R. 17 E.

Thence

S. 89° 59' W., on true line bet. secs. 13 and 24.

Over rolling and broken bench land through short under-
growth.

5.25 Enter scattering timber, bears N. and S.

14.55 Road, bears NE. and SW.

19.95 Top of ascent on S. point of Douglas Mesa; descend.

40.18 On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in
a large mound of stone for $\frac{3}{4}$ sec. cor., with brass cap
marked

$$\begin{array}{r} \frac{1}{4} \text{ S13 } \checkmark \\ \hline \text{S24} \\ 1924 \end{array}$$

from which

A pinon, 6 ins. diam., bears S. 32 $\frac{1}{4}$ ° E., 259 lks.
dist., marked $\frac{3}{4}$ S 24 B T

A pinon, 8 ins. diam., bears N. 72 $\frac{1}{2}$ ° W., 123 lks.
dist., marked $\frac{3}{4}$ S 13 B T

6.30 Base of descent from mesa, 110 ft. below point, leave
timber, bears N. and S.; thence over rolling land.

4.25 Road, bears NW. and SE.

0.36 The cor. of secs. 13, 14, 23 and 24.

Land, rolling and broken bench; general W. exposure and
drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

N. 0° 01' W., bet. secs. 13 and 14.

Subdivision of T.42 S., R.16 E.

Chains

Over rolling bench land through scattering scrub timber and short undergrowth.

17.60 Road, bears NW. and SE.

34.30 Descend over small ledge and leave timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S14	|	S13
1924		

from which

A pinon, 8 ins.diam., bears S. $4\frac{1}{2}^{\circ}$ E., 389 lks..
dist., marked BT

A pinon, 6 ins.diam., bears S. $10\frac{1}{2}^{\circ}$ W., 386 lks..
dist., marked BT

43.40 Road, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T42S	|	R16E
S11	|	S12
S14	|	S13
1924		

Deposit a stone, 7x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and rocky; sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon on S. portion of mile.

Undergrowth, black brush and mountain rush.

Fair grazing.

N. $89^{\circ}59'$ E., on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.36 Intersect E. bdy. of the Tp. 3 lks. S. of the cor. of secs. 7, 12, 13 and 18 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described

Subdivision of T.42 S., R.16 E.

CHAINS

in the field notes of the survey of T.42 S., R.17 E.

Thence

S.89°58'W., on true line bet. secs. 12 and 13.

Over rolling mesa through scattering scrub timber and short undergrowth.

2.40 Top of ledge and rim of Douglas Mesa, bears NW. and SE.; descend. 105 ft. to

40.18 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \frac{S12}{S13} \\ 1924 \end{array}$$

from which

A pinon, 4 ins.diam., bears N.7 $\frac{1}{4}$ °E., 86 lks.

dist., marked $\frac{1}{2}$ S 12 B T

A pinon, 6 ins.diam., bears S.50°E., 190 lks.

dist., marked $\frac{1}{2}$ S 13 B T

From this cor. a small spring of alkali water, bears S.61°37'E., 30.08 chs. distant.

9.30 Base of mesa, bears NW. and SE., 95 ft. below $\frac{1}{2}$ sec. cor.; thence over rolling land.

8.00 Road, bears NE. and SW.

0.36 The cor. of secs. 11, 12, 13 and 14.

Land, rolling mesa and bench land; general W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°01'W., bet. secs. 11 and 12.

Over rolling bench land through short undergrowth.

0.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

Subdivision of T.42 S., R.16 E.

Chains

S11 | S12

1924

Deposit a stone, 5x4x4 ins., marked with a cross (X) on one face at base of monument.

60.40

Draw, drains NW.

73.85

Draw, drains W.; leave rolling land, enter broken land and scattering timber, bears NW. and SE.; ascend.

77.00

Rim ledge, bears NW. and SE.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T42S	R16E
S2	S1
S11	S12
1924	

from which

Sandstone surface rock, marked X B0 S1, bears N.45°E., 5 lks. distant.

A cedar, 12 ins.diam., bears S.85½°W., 360 lks. dist., marked T 42 S R 16 E S 11 B T

A pinon, 6 ins.diam., bears N.30°W., 100 lks. dist., marked T.42 S R 16 E S 2 B T

No other bearing trees or objects available.

Cor. stands 60 ft. above ¼ sec. cor.

Land, rolling and broken bench land; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon on N. portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.89°58'E., on a random line bet. secs. 1, and 12.

40.00

Set temp. ¼ sec. cor.

80.42

Intersect E. bdy, of the Tp. 11 lks. N. of the cor. of secs. 1, 6, 7 and 12 which is an iron post, 2 ins. in dia.,

Subdivision of T.42 S., R.16 E.

Chains	
	firmly set, and marked and witnessed as described in the field notes of the survey of T.42 S., R.17 E.
	Thence
	N.89°57'W., on true line bet. secs. 1 and 12.
	Ascend over rough bench land through scattering timber and short undergrowth.
4.60	Top of ascent, 60 ft. above sec. cor., bears NW. and SE.; thence over broken ground.
7.20	Begin descent over ledges, bears NW. and SE.
10.21	On surface rock, mark a cross (X) at exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \quad \frac{S1}{\hline} \\ \quad S12 \\ \quad 1924 \end{array}$
	from which
	A pinon, 4 ins.diam., bears S.67°E., 142 lks. dist., marked $\frac{1}{4}$ S 12 B T
	A cedar, 10 ins.diam., bears N.68°W., 45 lks. dist., marked $\frac{1}{4}$ S 1 B T
	From this cor. a small spring of good water, bears S.27°45'W., 19.70 chs. distant.
6.00	Base of ledges, 155 ft. below top, bears NE. and SW.
7.55	Wash, in draw, drains NE.
5.05	An old corral, bears NW. about 2.50 chs. distant.
3.00	Base of spur, bears NW. and SE.; ascend.
5.00	Top of spur, projects SE.; thence over broken ground.
8.45	Descend 45 ft. over ledges, bears NW. and SE. to
0.42	The cor. of secs. 1, 2, 11 and 12.
	Land, rough, broken bench land; general W. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush and mountain rush.

Subdivision of T.42 S., R.16 E.

Chains	
	Poor grazing.
	N.0°01'W., on a random line bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. bdy. of the Tp. 46 lks. W. of the cor. of secs. 1, 2, 35 and 36 which is an iron post, 2 ins. in dia., firmly set, marked and witnessed as described in the field notes of the survey of T.41 S., R.16 E.
	Thence
	S.0°19'W., on true line bet. secs. 1 and 2.
	Over rough, broken bench land through scattering timber and short undergrowth.
1.05	Top of sandstone ledges, bears E. and W.; descend.
5.65	Base of ledges, bears NW. and SE.
19.15	Small sandy bench, 160 ft. below sec. cor., bears E. and W.
23.60	Wash in draw, 45 ft. below bench, drains SW.
28.70	Base of spur, bears NE. and SW.; ascend.
34.50	Top of spur, 100 ft. above draw, projects SW.; gradually descend.
40.18	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ S2 \mid S1 \\ 1924 \end{array}$
	from which
	Sandstone surface rock, marked X B0 S1, bears N.65°E., 14 lks. distant.
	A pinon, 16 ins. diam., bears S.80°W., 79 lks. dist., marked $\frac{1}{4}$ S 2 B T
52.30	Wash, in draw, drains W.
57.30	Base of ledges, bears E. and W.; ascend.
67.10	Top of ledges, 120 ft. above draw, bears E. and W.; thence over broken ground.
79.30	Ledge, bears NW. and SE.; descend 35 ft. to

Subdivision of T.42 S., R.16 E.

Chains

80.18

The cor. of secs. 1,2,11 and 12.

Land, rough, broken bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

From the cor. of secs. 2,3,34 and 35 on the S. bdy. of the Tp. heretofore described.

N.0° 01'W., bet. secs. 34 and 35.

Over rolling bench land through short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S34	|	S35
1924		

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

43.10

Old road, bears NW. and SE.

72.00

Low ridge, 30 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 26,27,34 and 35, with brass cap marked

T42S	|	R16E
S27	|	S26
<hr/>		
S34	|	S35
1924		

from which

A cedar, 4 ins.diam., bears S.10 $\frac{1}{2}$ °W., 176 lks. dist., marked BT

No other Bearing trees available; other accessories are impracticable.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Subdivision of T. 42 S. R. 16 E.

Chains

Fair grazing.

and 35

81. B

East, on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S. 89° 58' W., on true line bet. secs. 26 and 35.

Gradually descend over rolling bench land through short undergrowth.

13.50 Wash, drains NW.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$ S26
S35
1924

Deposit a stone, 5x4x2 ins., marked with a cross (X) on one face at base of monument.

80.02 The cor. of secs. 26, 27, 34 and 35.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain wash.

Fair grazing.

N. 0° 01' W., bet. secs. 26 and 27.

Over rolling bench land through short undergrowth.

29.10 Small draw, drains NW., 60 ft. below sec. cor.; gradually ascend 20 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
S27 | S26
1924

Deposit a stone, 6x4x2 ins., marked with a cross (X) on one face at base of monument.

44.20 Small draw, drains SW., 20 ft. below $\frac{1}{2}$ sec. cor.

Subdivision of T.42 S., R.16 E.

Chains

- 65.60 Enter scattering cedar and pinon timber, partly dead, bears NE. and SW.; begin ascent over series of small sandstone ledges, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T42S	R16E
S22	S23
S27	S26
1924	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No suitable bearing trees available.

Cor. stands on a low ridge, 100 ft. above draw, bears NE. and SW.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

- N. $89^{\circ} 58'$ E., on a random line bet. secs. 23 and 26.
- 0.00 Set temp. $\frac{1}{4}$ sec. cor.
- 0.04 Intersect N. and S. line 11 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence

- N. $89^{\circ} 57'$ W., on true line bet. secs. 23 and 26.
- Over rolling and broken bench land through very scattering scrub timber and short undergrowth.
- 5.10 Low ridge, bears NE. and SW.; gradually descend.
- 7.95 Draw, 50 ft. below ridge, drains SW.
- 0.02 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S23
	S26
	1924

from which

A cedar, 6 ins. diam., bears N. 22° E.; 127 lks.

Subdivision of T.42 S., R.16 E.

Chains

dist., marked $\frac{1}{4}$ S 23 B T

and 20

No other trees available or accessories practicable.

Cor. stands on low ridge, bears NE. and SW.

44.60

Draw, drains SW.; gradually ascend 30 ft. to

80.04

The cor. of secs. 22, 23, 26 and 27.

Land, rolling and broken bench land; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°01'W., bet. secs. 22 and 23.

Over rolling bench land through very scattering scrub timber and short undergrowth.

33.65

Road, bears NW. to Moonlight and SE. to Bluff, Utah.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S22 | S23
 1924

from which

A cedar; 16 ins. diam., bears N.20°W., 612 lks.

dist., marked $\frac{1}{4}$ S 22 B T

No other trees available or accessories practicable.

Cor. stands 45 ft. above sec. cor.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T42S | R16E
 S15 | S14
 S22 | S23
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling bench; general W. exposure and drainage.

Subdivision of T.42 S., R.16 E.

Chains	<p>Soil, sandy and sandstone rock; 4th. rate.</p> <p>Timber, a few scattering scrub cedar and pinon.</p> <p>Undergrowth, black brush and mountain rush.</p> <p>Fair grazing land.</p>
	<p>S.89°57'E., on a random line bet. secs. 14 and 23.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line 11 lks. S. of the cor. of secs. 13, 14, 23 and 24.
	Thence
	S.89°58'W., on true line bet. secs. 14 and 23.
	Over rolling bench land through short undergrowth.
40.04	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ } \frac{S14}{1924} \end{array}$
	Deposit a stone, 8x5x5 ins., marked with a cross (X) on one face at base of monument,
80.08	The cor. of secs. 14, 15, 22 and 23.
	Land, rolling; general N. exposure and drainage.
	Soil, sandy and rocky of sandstone formation; 4th. rate.
	No timber.
	Undergrowth, black brush and mountain rush.
	Fair grazing.
	N.0°01'W., bet. secs. 14 and 15.
	Over rolling bench land through short undergrowth.
39.90	Shallow draw, drains SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ } \frac{S15 \quad S14}{1924} \end{array}$
	Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

Subdivision of T. 42 S. R. 16 E.

unlabeled

Chains

- 71.50 Low, rocky point, projects SW.; enter scattering scrub timber, bears NE. and SW. Descend 30 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T42S	R16E
S10	S11
S15	S14
1924	

from which

A pinon, 4 ins. diam., bears N. 34° E., 85 lks.

dist., marked T 42 S R 16 E S 11 B T

A cedar, 4 ins. diam., bears S. 78° E., 170 lks.

dist., marked T 42 S R 16 E S 14 B T

A cedar, 4 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ W., 93 lks.

dist., marked T 42 S R 16 E S 15 B T

A cedar, 4 ins. diam., bears N. $48\frac{1}{2}^{\circ}$ W., 41 lks.

dist., marked T 42 S R 16 E S 10 B T

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon on N. portion of mile.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. $89^{\circ}58'$ E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.04 Intersect N. and S. line 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

West, on true line bet. secs. 11 and 14.

Over rolling bench land through scattering scrub timber and short undergrowth.

40.02 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

Chains

$\frac{1}{4}$ $\frac{S11}{S14}$
 1924

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument,

No suitable bearing trees available.

65.00 Low spur, projects SW.; descend 35 ft. to

80.04 The cor. of secs. 10, 11, 14 and 15.

Land rolling; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.0°01'W., bet. secs. 10 and 11.

Over rolling bench land through scattering timber and short undergrowth.

35.50 Base of sandstone outcroppings about 20 chs. in length, bears NW. and SE.; ascend.

36.10 Top of outcroppings, 30 ft. high, bears NW. and SE.; descend.

38.00 Base of outcroppings, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S10 | S11
 1924

from which

A cedar, 14 ins.diam., bears S.28°E., 110 lks. dist., marked $\frac{1}{4}$ S 11 B T

A cedar, 10 ins.diam., bears N.2 $\frac{1}{2}$ °W., 441 lks. dist., marked $\frac{3}{4}$ S 10 B T

45.00 Enter small sandstone outcroppings, bears NW. and SE.

49.50 Leave outcroppings, bears NW. and SE.

50.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass

Chains

cap marked

T42S	R16E
S3	S2
S10	S11
1924	

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.18 Intersect N. and S. line 3 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence

S. 89° 59' W., on true line bet. secs. 2 and 11.

Over broken bench land through scattering scrub timber and short undergrowth.

4.25 Top of ledge, bears NW. and SE.; descend.

6.15 Base of ledge, 35 ft. below top, bears NW. and SE.; ascend.

11.10 Top of ledge, 50 ft. above base, bears NE. and SW.; descend 75 ft.

21.00 Base of ledges, bears NE. and SW.; thence over rolling land.

40.09 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S2
	S11
	1924

from which

A cedar, 8 ins. diam., bears N. 21 $\frac{1}{2}$ ° E., 100 lks. dist., marked $\frac{1}{4}$ S 2 B. T

A cedar, 10 ins. diam., bears S. 69 $\frac{1}{2}$ ° E., 74 lks.

Subdivision of T.42 S., R.16 E.

Chains

dist., marked $\frac{1}{4}$ S 11 B T

Cor. stands in shallow draw, drains NW.

80.18 The cor. of secs. 2, 3, 10 and 11.

Land, broken and rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. $0^{\circ}19'E.$, on a random line bet. secs. 2 and 3.

40.00 Set temp. $\frac{3}{4}$ sec. cor.

80.18 Intersect N. bdy. of the Tp. 2 lks. W. of the cor. of secs. 2, 3, 34 and 35 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.16 E.

Thence

S. $0^{\circ}20'W.$, on true line bet. secs. 2 and 3.

Over rolling and broken bench land through scattering scrub timber and short undergrowth. Ascend.

12.20 Top of small ledge, 25 ft. above sec. cor., bears E. and W.; thence over rolling ground.

14.90 Begin descent over small ledges, bears NE. and SW.

19.75 Base of ledges, bears NE. and SW.

26.45 Wash, in draw, 75 ft. below top of ledges, drains SW.; ascend.

39.10 Top of sandstone outcroppings, 50 ft. above draw, bears E. and W.; thence across narrow outcropping.

40.18 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in a large mound of stone for $\frac{3}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S3 | S2

1924

Subdivision of T4d2 S. R. 16 E.

Chains	
	from which
	A cedar, 4 ins. diam., bears N. 41 $\frac{1}{2}$ ° E., 131 lks. dist., marked $\frac{1}{4}$ S. 2 B T
	No other bearing trees available.
	Descend 40 ft. over sandstone outcroppings to
49.70	Base of outcroppings, bears NW. and SE.
61.40	Shallow draw, drains SW.
80.18	The cor. of secs. 2, 3, 10 and 11.
	Land, broken and rolling bench; general W. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Fair grazing.
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. heretofore described.
	N. 0° 02' W., bet. secs. 33 and 34.
	Over rolling mountainous bench land through short under- growth.
2.90	Small draw, drains NW.
6.50	Enter scattering cedar and pinon timber, partly dead, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ | \\ S33 \quad | \quad S34 \\ | \\ 1924 \end{array}$
	Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.
	No suitable bearing trees available.
45.00	Low ridge, bears NW. and SE.; gradually descend.
50.30	Leave scattering timber, bears NW. and SE.
68.00	Small draw, 50 ft. below ridge, drains NW.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for the cor. of secs. 27, 28, 33 and 34, with

Subdivision of T.42 S., R.16 E.

Chains

brass cap marked

T42S	R16E
S28	S27
S33	S34
1924	

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling mountainous bench land; general W. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

Timber, scattering scrub cedar.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 27 and 34.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line 5 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

N.89°58'W., on true line bet. secs. 27 and 34.

Over rolling mountainous bench land through short undergrowth.

Low ridge, bears NW. and SE.; gradually descend 30 ft. to

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S27
	S34
	1924

Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

Road, bears NW. and SE.

The cor. of secs. 27, 28, 33 and 34.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, none.

Undergrowth, black brush and mountain rush.

Fair grazing.

Subdivision of T.42 S. R.16 E.

Chains

Survey

N.0°02'W., bet. secs. 27 and 28.

Over rolling mountainous bench land through short undergrowth.

10.00 Road, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for 1/2 sec. cor., with brass cap marked

	↑	
S28	|	S27
1924		

Deposit a stone, 7x6x3 ins., marked with a cross (X) on one face at base of monument.

57.60 Shallow draw, 25 ft. below 1/2 sec. cor., drains NW.; gradually ascend 45 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 21,22,27 and 28, with brass cap marked

T42S	|	R16E
S21	|	S22
<hr/>		
S28	|	S27
1924		

from which

A cedar, 6 ins.diam.,bears N.43 1/2°E., 305 lks.
dist.,marked BT

A cedar, 14 ins.diam.,bears S.46 1/2°E., 330 lks.
dist.,marked BT

A cedar, 10 ins.diam.,bears S.62 1/2°W., 197 lks.
dist.,marked T 42 S R 16 E S 28 B T

A cedar, 14 ins.diam.,bears N.28 1/2°W., 91 lks.
dist., marked BT

Land, rolling bench; general W. exposure and drainage.
Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon on N. portion of mile.

Undergrowth, black brush and mountain rush.

Fair grazing.

Subdivision of T.42 S., R.16 E.

Chains	
	S.89° 58'E., on a random line bet. secs. 22' and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line 11 lks. S. of the cor. of secs. 22,23,26 and 27.
	Thence
	S.89° 57'W., on true line bet. secs. 22 and 27.
	Over rolling and broken bench land through scattering scrub timber and short undergrowth.
2.55	Top of ledge, bears NE. and SW.; descend broken slope 110 ft. to
19.85	Base of ledges and slope, bears NE. and SW.; thence over rolling ground.
20.35	Shallow draw, drains SW.
36.90	Shallow draw, drains SW.
39.93	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \quad \underline{S22} \\ S27 \\ 1924 \end{array}$
	Deposit a stone, 5x5x2 ins., marked with a cross (X) on one face at base of monument.
	No suitable bearing trees available.
79.86	The cor. of secs. 21,22,27 and 28.
	Land, rolling and broken bench; general W. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, a few scattering scrub cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Fair grazing.
	<hr/>
	N.0°02'W., bet. secs. 21 and 22.
	Over rolling mountainous bench land through short undergrowth and a few scattering nearly dead cedar.
7.40	Road, bears E. to Bluff and W. to Moonlight, Utah.
0.00	Small sandstone outcropping, bears NW. and SE.
3.00	Low rise, bears E. and W.

Subdivision of T.42 S., R.16 E.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S21 | S22
1924

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T42S | R16E
S16 | S15
S21 | S22
1924

Deposit a stone, 8x4x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone surface rock; 4th. rate.

Timber, a few nearly dead cedar.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.89° 57'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.84 Intersect the cor. of secs. 14, 15, 22 and 23.

Thence

S.89° 57'E., on true line bet. secs. 15 and 22.

Over rolling mountainous bench land through very scattering nearly dead timber and short undergrowth.

39.92 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S15
 $\frac{1}{4}$ |
S22
1924

Deposit a stone, 8x4x4 ins. marked with a cross (X) on

Subdivision of T.42 S., R.16 E.

Chains

one face at base of monument.

79.84 The cor. of secs. 15,16,21 and 22.

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, a few scattering, nearly dead cedar.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°02'W., bet. secs. 15 and 16.

Over rolling mountainous bench land through very scattering nearly dead timber and short undergrowth.

25.00 Shallow draw, drains W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S16 | S15
 1924

Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

6.00 Base of sandstone ledge outcropping, bears NE. and SW.; ascend.

6.55 Top of outcropping and enter heavier timber, bears NE. and SW.

0.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 9,10,15 and 16, with brass cap marked

T42S | R16E
 S9 | S10
 S16 | S15
 1924

from which

A cedar, 4 ins.diam.,bears S.4 $\frac{3}{4}$ °E., 482 lks.
dist.,marked BT .

A cedar, 4 ins.diam.,bears S.3°W., 460 lks.
dist.,marked BT

No other trees available or accessories practicable.

Land, rolling bench; W. exposure and drainage.

Subdivision of T.42 S., R.16 E.

Soil, sandy and sandstone surface rock; 4th. rate.
 Timber, scattering, nearly dead cedar.
 Undergrowth, black brush, amole and mountain rush.
 Fair grazing.

N.89°57'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. line 7 lks. S. of the cor. of secs.
 10, 11, 14 and 15.

Thence

S.89°54'W., on true line bet. secs. 10 and 15.

Over rolling mountainous bench land through scattering
 scrub timber and short undergrowth.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{S10}{\uparrow}$
 $\frac{S15}{1924}$

from which

A pinon, 20 ins.diam., bears S.46 $\frac{1}{2}$ °E., 360 lks.
 dist., marked $\frac{1}{4}$ S 15 B T

A cedar, 6 ins.diam., bears N.71°W., 200 lks..
 dist., marked $\frac{1}{4}$ S 10 B T

43.00 Small sandstone outcropping, bears NW. and SE.

79.60 The cor. of secs. 9, 10, 15 and 16.

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, short black brush and mountain rush.

Fair grazing.

N.0°02'W., bet. secs. 9 and 10.

Over rolling mountainous bench land through scattering,
 nearly dead scrub timber and short undergrowth.

8.00 Low rise, bears NE. and SW.

12.10 Rim ledge, bears NE. and SW.

Subdivision of T.42 S., R.16 E.

Chains

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ ✓
 S9 | S10
 1924

from which

A cedar, 18 ins. diam., bears S. $65\frac{1}{2}^{\circ}$ E., 197 lks. dist., marked $\frac{1}{4}$ S 10 B T

No other trees available.

From this cor. a rocky butte, bears E. about 2 chs. distant.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T42S | R16E
 S4 | S3
 S9 | S10
 1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general SW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, a few scattering scrub cedar on both sides of line.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. $89^{\circ}54'$ E., on a random line bet. secs. 3 and 10.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.62

Intersect N. and S. line 11 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence

S. $89^{\circ}59'$ W., on true line bet. secs. 3 and 10.

Over rolling bench land through short undergrowth.

39.81

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ ✓
 S3 | S10
 1924

Subdivision of T.42 S., R.16 E.

Chains	Notes
	Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.
79.62	The cor. of secs. 3, 4, 9 and 10. Land, rolling bench; general W. exposure and drainage. Soil, sandy and sandstone rock; 3rd. rate. No timber. Undergrowth, black brush, amole and mountain rush. Fair grazing.
	N.0°20'E., on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. bdy. of the Tp. 37 lks. E. of the cor. of secs. 3, 4, 33 and 34 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.16 E. Thence S.0°04'W., on true line bet. secs. 3 and 4. Over rolling bench land through scattering scrub timber and short undergrowth.
40.18	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S4 | S3 1924 </div>
	from which A cedar, 12 ins. diam., bears N.21 $\frac{1}{2}$ °E., 143 lks. dist., marked BT A cedar, 14 ins. diam., bears S.86°W., 218 lks. dist., marked $\frac{1}{4}$ S 4 B T
59.00	Shallow draw, drains W.
75.00	Shallow draw, drains W.
80.18	The cor. of secs. 3, 4, 9 and 10. Land, rolling bench; W. exposure and drainage. Soil, sandy and rocky of sandstone formation; 4th. rate. Timber, scattering scrub cedar and pinon.

Subdivision of T.42 S..R.16 E.

Chains

Undergrowth, black brush and mountain rush.

Bair grazing.

From the cor. of secs. 4,5,32 and 33 on the S. bdy. of the Tp. heretofore described.

N.0°03'W., bet. secs. 32 and 33.

Over rolling mountainous bench land through scattering scrub timber and short undergrowth.

16.80 Shallow draw, drains NW.

30.00 Draw, drains W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	4	
S32	|	S33
1924		

from which

A cedar, 10 ins.diam., bears N.58 $\frac{3}{4}$ °E., 149 lks.
dist., marked BT

A cedar, 10 ins.diam., bears N.23 $\frac{3}{4}$ °W., 318 lks.
dist., marked BT

57.60 Shallow draw, drains W.

70.50 Base of sandstone outcroppings, 40 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; ascend.

78.40 Top of outcroppings, 90 ft. above base, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 28,29,32 and 33, with brass cap marked

T42S	|	R16E
S29	|	S28
S32	|	S33
1924		

from which

A cedar, 6 ins.diam., bears N.46 $\frac{1}{2}$ °E., 171 lks.
dist., marked BT

A pinon, 4 ins.diam., bears S.67°E., 133 lks.
dist., marked BT

A cedar, 4 ins.diam., bears N.41°W., 115 lks.

Subdivision of T.42 S., R.16 E.

Chains	dist., marked BT
	No other trees available.
	Land, rolling and broken bench; W. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Fair grazing.
	<hr/>
40.00	East, on a random line bet. secs. 28 and 33.
79.94	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect the cor. of secs. 27, 28, 33 and 34.
	Thence
	West, on true line bet. secs. 28 and 33.
	Over rolling and broken mountainous bench land through short undergrowth.
39.97	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ } \underline{\text{S28}} \\ \text{S33} \\ 1924 \end{array}$
	Deposit a stone, 4x4x2 ins., marked with a cross (X) on one face at base of monument.
49.00	Enter scattering scrub timber, bears N. and S.
64.40	Top of small sandstone outcropping, bears NW. and SE.
79.94	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling and broken bench; general NW. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, scattering scrub cedar and pinon on W. portion of mile.
	Undergrowth, black brush and mountain rush.
	Fair grazing.
	<hr/>
	N.0°03'W., bet. secs. 28 and 29.
	Over rolling and broken bench land through scattering scrub timber and short undergrowth.

Subdivision of T.42 S., R.16 E.

Chains

- 12.50 Small draw, drains W.
 33.90 Leave timber, bears NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S29 | S28
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

- 55.90 Road, bears NE. to Bluff and SW. to Moonlight, Utah.
 70.00 Enter scattering scrub timber, bears NW. and SE.
 76.90 Wash, 1 ch. wide, 10 ft. deep, in draw, drains NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T42S | R16E
 S20 | S21
 S29 | S28
 1924

from which

A cedar, 8 ins. diam., bears N. 32° E., 317 lks.
 dist., marked T 42 S R 16 E S 21 B T

A cedar, 6 ins. diam., bears S. 26° E., 442 lks.
 dist., marked T 42 S R 16 E S 28 B T

A cedar, 6 ins. diam., bears N. 1 $\frac{1}{2}$ ° W., 200 lks.
 dist., marked T 42 S R 16 E S 20 B T

No other trees available.

Land, rough, broken bench; W. exposure and SW. drainage.

Soil, sandy and rocky; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

East, on a random line bet. secs. 21 and 28.

- 0.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.12 S. R.16 E.

Chains	
80.06	Intersect N. and S. line 14 lks. N. of the cor. of secs. 21,22,27 and 28.
	Thence
	N.89°54'W., on true line bet. secs. 21 and 28.
	Ascend over rolling bench land through scattering timber and short undergrowth.
5.90	Low spur, projects S.; gradually descend.
17.95	Road, bears NE. to Bluff and SW. to Moonlight, Utah.
29.10	Draw, drains SW.
40.03	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"><div>S21</div><div>$\frac{1}{4}$</div><div>S28</div><div>1924</div></div>
	from which
	A cedar, 6 ins.diam.,bears N.58 $\frac{3}{4}$ °E., 189 lks. dist.,marked $\frac{1}{4}$ S 21 B T
	A cedar, 6 ins.diam.,bears S.52 $\frac{1}{2}$ °E., 74 lks. dist.,marked $\frac{1}{4}$ S 28 B T
63.50	Wash, 75 lks. wide, 6 ft. deep, in draw, drains SW.
80.06	The cor. of secs. 20,21,28 and 29.
	Land, rolling bench; general W. exposure and drainage.
	Soil, sandy and sandstone rock; 4th. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Fair grazing.
	<hr/> N.0°03'W., bet. secs. 20 and 21.
	Over rolling and broken bench land through scattering scrub timber and short undergrowth.
2.80	Sandstone outcropping, 20 ft. high, bears NW. and SE.
4.80	Base of sandstone outcropping, bears E. and W.; ascend.
12.05	Top of outcropping, bears E. and W.; descend.
18.50	Descend over small ledge at base of outcropping, bears E. and W.
36.70	Shallow draw, drains NW.

Subdivision of T.42 S., R.16 E.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S20 | S21
 1924

Deposit a stone, 5x5x3 ins. marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

47.40 Shallow draw, drains W.

69.45 Shallow draw, drains SW.

74.65 Base of sandstone outcropping, bears NE. and SW.; ascend.

78.75 Top of outcropping, bears NE. and SW.; descend over small ledge.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 16, 17, 20 and 21 with brass cap marked

T42S | R16E
 S17 | S16
 S20 | S21
 1924

from which

A pinon, 14 ins. diam., bears N. $26\frac{3}{4}^{\circ}$ E., 331 lks. dist., marked T 42 S R 16 E S 16 B T

A cedar, 8 ins. diam., bears S. $77\frac{3}{4}^{\circ}$ E., 138 lks. dist., marked BT

A cedar, 10 ins. diam., bears S. $68\frac{3}{4}^{\circ}$ W., 145 lks. dist., marked BT

A pinon, 12 ins. diam., bears N. $8\frac{1}{2}^{\circ}$ W., 186 lks. dist., marked T 42 S R 16 E S 17 B T

Land, rolling and broken bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

Subdivision of T.42 S., R.16 E.

- 25.65 Head of large draw, 70 ft. below spur, drains SW.;
ascend 50 ft. to
- 25.50 N. rim of draw, bears E. and W.; thence over rolling
land.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for sec. corner., with brass cap marked

	4	
S17	|	S16
1924		

from which

A cedar, 6 ins.diam., bears N.89 $\frac{1}{2}$ °W., 154 lks.
dist., marked BT

No other trees available or accessories practicable.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in
the ground on solid rock and 18 ins. in a mound of stone
for cor. of secs. 8, 9, 16 and 17, with brass cap marked

T42S	|	R16E
S8	|	S9
S17	|	S16
1924		

from which

A cedar, 6 ins.diam., bears N.39 $\frac{3}{4}$ °E., 139 lks.
dist., marked T 42 S R 16 E S 9 B T

A pinon, 6 ins.diam., bears S.65 $\frac{1}{2}$ °E., 280 lks.
dist., marked T 42 S R 16 E S 16 B T

A cedar, 8 ins.diam., bears S.75 $\frac{1}{4}$ °W., 72 lks.
dist., marked T 42 S R 16 E S 17 B T

A cedar, 4 ins.diam., bears N.55°W., 51 lks.
dist., marked T 42 S R 16 E S 8 B T

Land, rolling and broken bench; general W. exposure and
drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.89°58'E., on a random line bet. secs. 9 and 16.

Subdivision of T.42 S., R.16 E.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line 5 lks. N. of the cor. of secs. 9, 10, 15 and 16.
	Thence
	West, on true line bet. secs. 9 and 16.
	Over rolling and broken mesa through scattering scrub timber and short undergrowth.
11.50	Top of rise, bears NE. and SW.; thence over broken sandstone outcroppings.
16.50	Ledge, bearing NE. and SW. bears N. about 2 chs. distant.
27.00	Rocky butte; thence over rolling ground leaving sandstone outcroppings.
39.97	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S9 \\ \hline \frac{1}{4} \\ S16 \\ 1924 \end{array}$
	from which
	A cedar, 4 ins. diam., bears N. $28\frac{1}{2}^{\circ}$ E., 73 lks. dist., marked $\frac{1}{4}$ S 9 B T
	A cedar, 3 ins. diam., bears S. 54° E., 41 lks. dist., marked $\frac{1}{4}$ S 16 B T
79.94	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling bench land; general W. exposure and drainage.
	Soil, sandy and sandstone rock; 3rd. rate.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, black brush and mountain rush.
	Poor grazing.
	<hr/>
	N. $0^{\circ}03'$ W., bet. secs. 8 and 9.
	Over rolling mesa through very scattering timber and short undergrowth.
18.00	Draw, drains W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \\ S8 \quad | \quad S9 \\ 1924 \end{array}$

Subdivision of T.42 S., R.16 E.

Chains

Deposit a stone, 6x6x4 ins., marked with a cross (X) on one face at base of monument.

30.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T42S	R16E
S5	S4
s8 | s9	
1924	

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees were available at the $\frac{1}{4}$ sec. or sec. cor.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 4 and 9.

0.00 Set temp. $\frac{1}{4}$ sec. cor.

9.96 Intersect the cor. of secs. 3, 4, 9 and 10.

Thence

West, on true line bet. secs. 4 and 9.

Over rolling mesa through short undergrowth.

9.98 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S4
s9	
1924	

Deposit a stone 8x3x3 ins., marked with across (X) on one face at base of monument.

4.00 Draw, drains NW.

9.96 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mesa; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar and pinon on both sides of line.

Subdivision of T.42 S., R.16 E.

Chains

Undergrowth, black brush and mountain rush.

Poor grazing.

N.0°04'E., on a random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. bdy. of the Tp. 9 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.16 E.

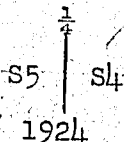
Thence

South, on true line bet. secs. 4 and 5.

Over rolling mesa through scattering scrub timber and short undergrowth.

30.00 Top of rise, bears E. and W.

40.06 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 10 ins. diam., bears N.83 $\frac{3}{4}$ °E., 62 lks. dist., marked $\frac{1}{4}$ S 4 B T

A cedar, 3 ins. diam., bears S.30 $\frac{3}{4}$ °W., 203 lks. dist., marked $\frac{1}{4}$ S 5 B T

55.00 Small draw, drains W.

70.00 Small draw, drains W.

80.06 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mesa; W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. heretofore described.

N.0°03'W., bet. secs. 31 and 32.

Over rolling mesa through short undergrowth.

8.40 Wash, 50 lks. wide, 4 ft. deep, drains NW.; enter scattering scrub timber, mostly dead, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S31	S32
1924	

from which

A cedar, 8 ins.diam., bears S.84 $\frac{1}{4}$ °E., 446 lks. dist., marked $\frac{1}{4}$ S 32 B T

A cedar, 10 ins.diam., bears S.68 $\frac{1}{2}$ °W., 170 lks. dist., marked $\frac{1}{4}$ S 31 B T

55.00 Wash, 10 lks. wide, 4 ft. deep, drains W.

60.00 Wash, 30 lks. wide, 4 ft. deep, drains W.

77.20 Wash, 70 lks. wide, 3 ft. deep, drains SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29,30,31 and 32, with brass cap marked

T42S	R16E
S30	S29
S31	S32
1924	

from which

A cedar, 12 ins.diam., bears N.43 $\frac{1}{2}$ °E., 390 lks. dist., marked T 42 S R 16 E S 29 B T

A pinon, 6 ins.diam., bears S.61°E., 515 lks. dist., marked BT

A pinon, 9 ins.diam., bears N.20 $\frac{1}{2}$ °W., 218 lks. dist., marked T 42 S R 16 E S 30 B T

No other trees available or accessories practicable.

Land, rolling mesa; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

Subdivision of T.42 S., R.16 E.

Chains

East, on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.24 Intersect N. and S. line 9 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ}56'$ W., on true line bet. secs. 29 and 32.

Over broken bench land through scattering scrub timber and short undergrowth.

2.00 Low ridge, bears NW. and SE.; gradually descend 100 ft.

40.12 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S29}{S32} \\ 1924 \end{array}$$

from which

A pinon, 10 ins. diam., bears S. 35° E., 328 lks. dist., marked $\frac{1}{4}$ S 32 B T

A cedar, 12 ins. diam., bears N. $80\frac{1}{2}^{\circ}$ W., 132 lks. dist., marked $\frac{1}{4}$ S 29 B T

51.10 Wash, 60 lks. wide, 6 ft. deep, drains SW.; ascend 20 ft.

72.70 Low spur, projects SW.; descend 20 ft.

77.40 Wash, 25 lks. wide, 3 ft. deep, drains SW.

80.24 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.20 Intersect W. bdy. of the Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36.

Thence

N. $89^{\circ}58'$ E., on true line bet. secs. 30 and 31.

Subdivision of T. 42 S., R. 16 E.

- Over rough, broken bench land through scattering scrub timber and short undergrowth.
- 3.90 Small ledge, bears NE. and SW.; descend.
- 8.30 Wash, 30 ft. below ledge, drains SW.; thence along wash crossing and recrossing same.
- 5.45 Leave wash, turns NE.
- 8.20 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S30
 S31
 1924
- from which
- A cedar, 10 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ W., 121 lks. dist., marked BT
- A cedar, 10 ins. diam., bears N. 30° W., 79 lks. dist., marked BT
- 8.85 Begin ascent over broken ledges, bears N. and S.
- 3.35 Top of ledges, 100 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; continue over broken sandstone outcroppings.
- 4.12 Cedar Spring, good water; bears N. $9^{\circ}30'$ E., 18.30 chs. distant.
- 4.40 Descend over small ledge; bears NE. and SW.
- 8.20 The cor. of secs. 29, 30, 31 and 32.
- Land; rough, broken bench; general W. exposure and drainage.
- Soil; sandy and sandstone rock; 4th. rate.
- Timber, scattering scrub cedar and pinon, mostly dead.
- Undergrowth; black brush and mountain rush.
- Fair grazing.
-
- N. $0^{\circ}03'$ W., bet. secs. 29 and 30.
- Over broken mountainous bench land through scattering timber and short undergrowth.
- 00 Base of ledge, bears NE. and SW.; ascend.
- 95 Top of ledge, 70 ft. above sec. cor., bears NE. and SW.; thence over sandstone outcroppings.
- 00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in

Subdivision of T.42 S., R.16 E.

Chains

the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S30 | S29

1924

from which

A cedar, 6 ins.diam., bears N.62 $\frac{1}{4}$ °E., 36 lks.

dist., marked $\frac{1}{4}$ S 29 B T

A cedar, 8 ins.diam., bears S.47 $\frac{1}{2}$ °W., 158 lks.

dist., marked $\frac{1}{4}$ S 30 B T

Cor. stands alongside road, which bears NE. to Bluff and SW. to Moonlight, Utah.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap marked

T42S | R16E
S19 | S20

S30 | S29

1924

from which

A cedar, 6 ins. diam., bears N.11°E., 100 lks.

dist., marked T 42 S R 16 E S 20 B T

A cedar, 8 ins. diam., bears S.1°E., 90 lks.

dist., marked BT

A pinon, 10 ins.diam., bears S.35°W., 46 lks.

dist., marked T 42 S R 16 E S 30 B T

A cedar, 8 ins.diam., bears N.50°W., 53 lks.

dist., marked BT

Land, rough, broken bench; general W. exposure and drainage.

Soil, sandstone rock and shallow sand; 4th. rate.

Timber, scattering cedar and pinon, mostly dead.

Undergrowth, black brush and mountain rush.

Poor grazing.

S. 89°56'E., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line 14 lks. S. of the cor. of secs.

20, 21, 28 and 29.

Thence

S.89°58'W., on true line bet. secs. 20 and 29.

Over rolling and broken bench land through very scattering scrub timber and short undergrowth.

5.20 Draw, drains NW.

0.04 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S20
S29
1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

6.60 Small ledge, bears N. and S.

0.08 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and broken bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, a few scattering cedar and pinon timber, mostly dead, on both sides of line.

Undergrowth, black brush and mountain rush.

Fair grazing.

S.89°58'W., on a random line bet. secs. 19 and 30.

0.00 Set temp. $\frac{1}{4}$ sec. cor.

3.07 Intersect W. bdy. of the Tp. 5 lks. N. of the cor. of secs. 19, 24, 25 and 30 heretofore described.

Thence

N.89°56'E., on true line bet. secs. 19 and 30.

Over rocky bench land, through very scattering scrub timber and short undergrowth.

3.07 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S19
S30
1924

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

Subdivision of T.42 S., R.16 E.

Chains

- 52.00 Draw, drains NW.
- 59.80 Rim ledge, bears NE. and SW.; ascend.
- 68.10 Top of ledges and breaks, bears N. and S.
- 78.07 The cor. of secs. 19,20,29 and 30.
- Land, rolling and broken bench land; general W. exposure and drainage.
- Soil, rocky and sandy of sandstone formation; 4th. rate.
- Timber, a few scattering scrub cedar and pinon, mostly dead.
- Undergrowth, black brush, amole and mountain rush.
- Poor grazing.

N.0°03'W., bet. secs: 19 and 20.

Over rolling and broken bench land through very scattering scrub timber and short undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S19 | S20
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

- 71.90 S. rim of shallow canyon, bears E. and W.; descend 60 ft.

- 80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 17,18,19 and 20, with brass cap marked

T42S | R16E
 S18 | S17
 S19 | S20
 1924

from which

A pinon, 6 ins.diam., bears N.47 $\frac{1}{2}$ °E., 286 lks.

dist., marked T 42 S R 16 E S 17 B T

A cedar, 20 ins.diam., bears S.3 $\frac{1}{4}$ °E., 277 lks.

dist., marked T 42 S R 16 E S 20 B T

Subdivision of T.42 S.,R.16 E.

Chains

A pinon, 8 ins.diam.,bears S.10 $\frac{1}{4}$ °W., 269 lks.
dist.,marked T 42 S R 16 E S 19 B T
A cedar, 3 ins.diam.,bears N.56 $\frac{3}{4}$ °W., 66 lks.
dist.,marked BT

Land, rolling and broken bench; general W. exposure and
and drainage.

Soil, sandy and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon, mostly dead.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.89°58'E., on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line 7 lks. N. of the cor. of secs.
16,17,20 and 21.

Thence

N.89°59'W., on true line bet. secs. 17 and 20.

Over rough, broken bench land, through scattering scrub
timber and short undergrowth. Descend.

3.05 Draw, drains SW.; ascend.

66.60 Rim ledge, bears NE. and SW.

77.60 Draw, drains N.

10.03 On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ S17
S20
1924

from which

A pinon, 4 ins.diam.,bears N.65 $\frac{1}{2}$ °E., 103 lks.
dist.,marked $\frac{1}{4}$ S 17 B T

A cedar, 4 ins.diam.,bears S.34°W., 72 lks.
dist.,marked $\frac{1}{4}$ S 20 B T

9.60 E. rim of large draw, bears N. and S.; descend 125 ft. to

2.10 Bottom of large draw, drains N.; gradually ascend to

Subdivision of T.42 S., R.16 E.

20120

Chains

80.06 The cor. of secs. 17,18,19 and 20.
Land, rough and broken bench; general W. exposure and drainage.
Soil, sandstone rock and shallow sand; 4th. rate.
Timber, scattering scrub cedar and pinon; mostly dead.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

S.89°56'W., on a random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.93 Intersect W. bdy. of the Tp. 7 lks. N. of the cor. of secs. 13,18,19 and 24 heretofore described.

Thence

N.89°53'E., on true line bet. secs. 18 and 19.

Over rough bench land through scattering scrub timber and short undergrowth.

25.75 Top of ledge, bears NW. and SE.; descend.

27.00 Base of ledge, 50 ft. below top, bears NW. and SE.

33.40 Wash, in draw, drains NW., comes from the E.; thence in wash.

35.75 Same wash, turns S.

37.93 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S18}{S19}$
1924

from which

A cedar, 8 ins.diam., bears N.66°E., 77 lks.
dist., marked $\frac{1}{4}$ S 18 B T

A pinon, 12 ins.diam., bears S.55°W., 127 lks.
dist., marked $\frac{1}{4}$ S 19 B T

51.50 Base of ledge, bears NW. and SE.; ascend.

53.10 Top of ledge, 35 ft. above base, bears NW. and SE.

75.75 Top of ledge, bears NW. and SE.; descend.

77.80 Base of ledge, 50 ft. below top, bears NW. and SE.

77.93 The cor. of secs. 17,18,19 and 20.

Land, rough, broken bench; general W. exposure and drainage.

Soil, sandstone rock and sandy; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

N.0°03'W., bet. secs: 17 and 18.

Over rough; mountainous bench land through scattering scrub timber and short undergrowth. Descend 60 ft. to

14.50 Bottom of canyon, drains N.70°W.; ascend.

19.30 Ledge, bears NW. and SE.

27.80 Top of N. rim of canyon, 100 ft. above bottom, bears E. and W.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S18 | S17
 1924

from which

A pinon, 6 ins.diam., bears N.12 $\frac{1}{2}$ °E., 103 lks. dist., marked $\frac{1}{4}$ S 17 B T

A pinon, 8 ins.diam., bears S.65 $\frac{1}{4}$ °W., 112 lks. dist., marked $\frac{1}{4}$ S 18 B T

50.00 Top of ridge, bears E. and W.

59.80 S. rim of canyon, bears E. and W.; descend.

72.70 Bottom of canyon, 60 ft. below rim, drains W.; ascend.

77.00 Top of N. rim of canyon, 50 ft. above bottom, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 7,8,17 and 18, with brass cap marked

Subdivision of T.42 S., R.16 E.

Chains

T42S	R16E
S7	S8
S18	S17
1924	

from which

A cedar, 6 ins.diam., bears N.78°E., 36 lks.

dist., marked T 42 S R 16 E S 8 B T

Sandstone outcropping, marked X B O S 17, bears S.38½°E., 68 lks. distant.

A pinon, 8 ins.diam., bears S.57½°W., 93 lks.

dist., marked T 42 S R 16 E S 18 B T

A cedar, 3 ins.diam., bears N.75½°W., 62 lks.

dist., marked BT

Land, rough, broken bench; general W. exposure and drainage.

Soil, sandstone rock and sandy; 4th. rate.

Timber, scattering scrub cedar and pinon, mostly dead.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°59'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence

N.89°59'W., on true line bet. secs. 8 and 17.

Over rough, broken bench land through scattering scrub cedar and pinon timber and short undergrowth.

25.00 Rim of canyon, bears N. and S.; descend 30 ft.

39.00 Head of canyon, drains S.; ascend.

40.04 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for ¼ sec. cor., with brass cap marked.

1/4	S8
	S17
	1924

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Subdivision of T.42 S., R.16 E.

chains

- 43.00 Low spur, projects S.; descend across head of small
draw draining S.
- 50.50 Top of W. rim of draw, bears N. and S.
- 80.08 The cor. of secs. 7, 8, 17 and 18.
Land, rolling and broken bench; W. exposure and drainage.
Soil, sandstone rock and sandy; 4th. rate.
Timber, scattering scrub cedar and pinon; mostly dead.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.
-
- 40.00 S. $89^{\circ} 53' W.$, on a random line bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
- 77.93 Intersect W. bdy. of the Tp. 9 lks. N. of the cor. of
secs. 7, 12, 13 and 18 heretofore described.
Thence
N. $89^{\circ} 49' E.$, on true line bet. secs. 7 and 18.
Over rough mountainous bench land through scattering
scrub timber and short undergrowth.
- 8.10 Base of ledges, bears NW. and SE.; ascend.
- 10.10 Top of ledges, 75 ft. above sec. cor., bears NW. and SE.;
continue ascent over sandstone outcroppings 100 ft. to
- 25.00 Top of outcroppings, bears NW. and SE.; gradually descend.
- 37.93 On sandstone surface rock, mark a cross (X) at exact
cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked
- $$\begin{array}{r} \frac{1}{4} \quad \frac{S7}{S18} \\ 1924 \end{array}$$
- from which
- A cedar, 6 ins. diam., bears N. $12\frac{1}{2}^{\circ} E.$, 179 lks.
dist., marked BT
- A cedar, 4 ins. diam., bears S. $72^{\circ} E.$, 149 lks.
dist., marked BT
- 38.70 W. rim of box canyon, bears NW. and SE.; descend abruptly
200 ft. to

Subdivision of T. 42 S., R. 16 E.

Chains

- 48.00 Bottom of canyon, drains NW.; ascend abruptly over ledge
- 57.70 E. rim of canyon, 225 ft. above bottom, bears NW. and SE.; thence across bench.
- 69.15 Top of ledge, bears NE. and SW.; descend.
- 75.60 Base of ledge, bears NE. and SW.
- 77.93 The cor. of secs. 7, 8, 17 and 18, 75 ft. below top of ledge.

Land, rough, broken bench; W. exposure and drainage.
 Soil, rocky and sandy of sandstone formation; 4th. rate.
 Timber, scattering scrub cedar and pinon.
 Undergrowth, black brush, amole and mountain rush.
 Poor grazing.

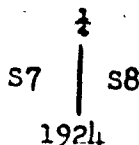
N. 0° 03' W., bet. secs. 7 and 8.

Over rough mountainous bench land through very scattering scrub timber and short undergrowth. Descend.

- 11.00 Draw, 50 ft. below sec. cor., drains W.; ascend.
- 21.00 Rocky spur, 40 ft. above draw, projects SW.; descend 60 ft. to

12.00 In surface rock, mark a cross (X) at exact cor. point; over which,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in a large mound of stone for 2 sec. cor., with brass cap marked



No suitable bearing trees available.

- 12.80 Canyon, 30 ft. below 2 sec. cor., drains SW.; ascend.
- 53.49 Top of W. rim of canyon, 100 ft. above bottom, bears SE. and E.; thence over rolling bench.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap marked

Subdivision of T.42 S., R.16 E.

T42S	R16E
S6	S5
S7	S8
1924	

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

Land, rough, broken bench; W. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

S.89°59'E., on a random line bet. secs. 5 and 8.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line 3.1 kls. N. of the cor. of secs. 4, 5, 8 and 9.

Thence

N.89°58'W., on true line bet. secs. 5 and 8.

Over rolling bench through short undergrowth.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S5
	S8
	1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

The cor. of secs. 5, 6, 7 and 8.

Land, rolling bench; W. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S. 89° 49'W., on a random line bet. secs. 6 and 7.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect W. bdy. of the Tp. at the cor. of secs. 1, 6, 7 and 12 heretofore described.

Subdivision of T.42 S., R.16 E.

Chains

Thence

N.89°49'E., on true line bet. secs. 6 and 7.

Over rolling and broken bench land through short undergrowth.

3.70 Base of ledge, bears NE. and SW.

5.00 Top of ledge, 50 ft. above sec. cor., also E. brink of draw, bears NE. and SW.; thence over rolling bench.

37.76 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for sec. cor., with brass cap marked

S6
—
S7
1924

Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

77.76 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken bench; W. exposure and drainage.

Soil, sandy and rocky; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, on a random line bet. secs. 5 and 6.

40.00 Set temp. sec. cor.

79.91 Intersect N. bdy. of the Tp. 16 lks. W. of the cor. of secs. 5, 6, 31 and 32 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.16 E.

Thence

S.0°07'W., on true line bet. secs. 5 and 6.

Over rolling mesa through short undergrowth.

3.00 Shallow draw, drains SW.

39.91 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for sec. cor., with brass cap marked

1/4
S6 | S5
—
1924

Deposit a stone, 8x5x3 ins., marked with a cross (X) on

Subdivision of T.42 S., R.16 E.

Trains

one face at base of monument.
 Shallow draw, drains NW.
 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling mesa; W. exposure and drainage
 Soil, sandy and sandstone rock; 4th. rate.
 No timber.
 Undergrowth, black brush, amole and mountain rush.
 Fair grazing.

BOUNDARIES OF T.42 S., R.16 E.

Latitudes, departures and closing errors.

Lines designated	True bearing	Dist-ances.	Latitude		Departure	
			N	S	E	W
7.bdy.T42S R16E	South	480.20	.....	480.20	.....	.....
8.bdy.T42S R16E	East	478.24	.....	.....	478.24	.....
9.bdy.T42S R16E	North	479.90	479.90	.....	.....	.....
10.bdy.T42SR16E	West	477.82	.....	.....	.....	477.82
Convergency			.....	.....	.....	.55
			479.90	480.20	478.24	478.37
				479.90		478.24
		Errors =		.30		.13

GENERAL DESCRIPTION

This township consists of high mesa land. The northwest portion is rough and broken being cut by deep canyons and rim ledges while the remaining portion is generally rolling. The elevation averages about 6000 ft. above sea and the country has a general W. exposure and drainage.

The soil is a loose, shallow sand and lies on a sandstone

Chains

bedrock which in many places covers large surface areas

Scrub cedar and pinon timber of no commercial value and which is partly dead is found in practically all parts of the township. With this timber grows a short undergrowth of black brush, mountain rush and amole, also scattering native grass. This brush and grass affords fair browse for sheep and cattle.

The water supply of the township consists of small springs; one is situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 12 and flows a small stream of good water. Cedar Spring in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30 also flows a stream of good water. There is also a spring in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12 the water of which contains much mineral and is unfit for culinary purposes.

Surface indications of mineral were not observed during the survey of this township.

There are no settlers living in the township.

No magnetic declination was taken on account of defective needles.

BOOK A-475

4-680

FIELD ASSISTANTS.

NAMES.

CAPACITY

Pryor Wurtsbaugh	1st. chairman
Sidney Reese	1st. chairman
Elliot Tuttle	2nd. chairman
Cleveland Hunter	2nd. chairman
Max Brown	cornerman
Chas. Sleeper	cornerman

CERTIFICATE OF UNITED STATES SURVEYOR

Willis W. Bandy, U.S. Transitman

W. Chas. F. Moore

U. S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 19th day of September, 1923 we

in our own proper person^s, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of South and

west boundaries and subdivision of T.42 S., R.16 E.

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented

and date diagram

the foregoing field notes as having been executed by us our on dates shown on dia-

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such survey. Certified to at

Bluff Utah Dec 27-1924

and
Salt Lake City, Utah,
January 10, 1925

Willis W. Bandy
U.S. Transitman
Chas. F. Moore

U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Salt Lake City, Utah

March 23, 1925

The foregoing field notes of the survey of South and West boundaries and
Subdivisions of Township 42 South, Range 16 East of the
Salt Lake Base and Meridian,

executed by Charles F. Moore and Willis W. Bandy, U.S. Transitmen

under his special instructions dated September 19, 1923

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature]
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____
_____, has been correctly copied from the original notes on file in this office.

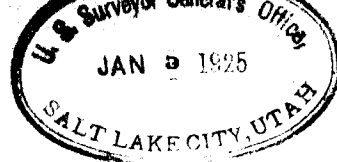
U. S. Surveyor General

Blank

Page

Blank

Page



BOOK A-475

FIELD NOTES

OF THE SURVEY OF THE

WEST BOUNDARY AND SUBDIVISION OF T. 43 S., R. 16 E., AND RESURVEY

OF THE UTAH-ARIZONA BOUNDARY LINE FROM THE 213th MILE POST TO THE
19th MILE POST.

Of the Salt Lake Base and Meridian,
the State of Utah.

EXECUTED BY

Chas. F. Moore

and

Willis T. Sandy

the capacity of ¹⁰³ U.S. ~~Surveyor~~ Transitmen, under instructions dated September 19, 1923,
used by the United States Surveyor General to govern surveys included in
Group No. 150, which were approved by the Commissioner of the General Land
Office, September 28, 1923, and assignment instructions dated
September 4, 1923, and supplemental assignment instructions dated
September 19, 1923.

Survey commenced April 6, 1924. ✓

Survey completed April 17, 1924. ✓

BOOK A-175

INDEX DIAGRAM.

Township 43 South , Range 16 East

14	65	55	44	33	21	1						
	67	66	56	45	34	22						
15	67	57	46	35	22	12						
	69	68	58	47	36	24						
16	70	59	48	37	25	18						
	72	71	59	49	38	26						
17	72	60	50	39	27	24						
	74	73	61	51	40	28						
18	75	62	52	41	29	25						
	77	76	63	53	42	30						
19	78	64	54	43	31	26						
	6	6	6	6	6	6						
213W	7	214W	8	215W	9	216W	10	217W	12	218W	13	219W

UTAH-ARIZONA BOUNDARY LINE

Date Diagram, T. 43 S., R. 16 E.

Date Diagram

of

T. 43 S., R. 16 E.

6 4/9/24 4/9/24	5 4/10/24 4/10/24	4 4/10/24 4/10/24	3 4/11/24 4/11/24	2 4/11/24 4/11/24	1 4/14/24
7 4/10/24 4/10/24	8 4/10/24 4/10/24	9 4/11/24 4/11/24	10 4/11/24 4/11/24	11 4/14/24 4/14/24	12 4/14/24
18 4/10/24 4/10/24	17 4/11/24 4/11/24	16 4/11/24 4/11/24	15 4/14/24 4/14/24	14 4/14/24 4/14/24	13 4/16/24
19 4/11/24 4/11/24	20 4/12/24 4/12/24	21 4/15/24 4/15/24	22 4/15/24 4/15/24	23 4/16/24 4/16/24	24 4/17/24
30 4/12/24 4/12/24	29 4/15/24 4/15/24	28 4/15/24 4/15/24	27 4/17/24 4/17/24	26 4/17/24 4/17/24	25 4/17/24
31 4/12/24 4/12/24	32 4/15/24 4/15/24	33 4/15/24 4/15/24	34 4/16/24 4/16/24	35 4/16/24 4/16/24	36 4/16/24

All lines ruled and dated in red were surveyed by Chas.

F. Moore, U. S. Transitman.

All lines ruled and dated in blue were surveyed by

Willis W. Bandy, U. S. Transitman.

Survey commenced April 6, 1924, and executed with Buff and Buff light mountain solar transit No. 9220, used by Chas. F. Moore, U. S. Transitman, and Young and Sons light mountain solar transits No. 8296 and No. 8396, used by Willis W. Bandy, U. S. Transitman.

These instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers each, placed opposite to each other and reading to single minutes of arc. This is also the least count of the latitude and declination arcs and full vertical circles.

These instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6, conditional upon satisfactory field tests, in assignment instructions dated December 4, 1923, to Chas. F. Moore, U. S. Transitman, and December 19, 1923, to Willis W. Bandy, U. S. Transitman.

We examine the adjustments of the instruments and correct all errors. Then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian established by observation made on Polaris, We proceed as follows:

March 8, 1924: At our camp situated in sec. 12, T. 42 S., R. 16 E., Salt Lake Base and Meridian, Utah, in approximate latitude $37^{\circ} 10\frac{1}{2}'$ N., longitude $110^{\circ} 11'$ W., with Buff & Buff transit No. 9220, at 8h. 23m. 18s. p.m., l.m.t., I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake driven firmly in the ground, about 10 chs. N. of my station.

Azimuth of Polaris at western elongation $1^{\circ} 22' 30''$.

March 9, 1924: I lay off the azimuth of Polaris, $1^{\circ} 22' 30''$.

to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground about 10 chs. N. of my station.

At apparent noon, with Buff & Buff transit No. 9220 in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	48° 28½'
Reduced latitude	37° 10½' N.
Mean watch time of observation	12h 12m. 12s.
Watch fast of local mean time	1m. 30s.

April 6, 1924: At this same station, with all three instruments in the meridian, at 9h. Om. a.m., apparent time, we set off 37° 10½' N. on the lat. arcs; 6° 32½' N. on the declination arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian, the resulting reading of the declination arcs is 6° 35' N, which agrees with the computed declination of the sun.

At 3h. Om. p.m. apparent time, with the lat. arcs unchanged we set off 6° 38' N. on the decl. arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of the survey of this township, frequent tests being made on meridians established by observations made on Polaris, and near the completion of the survey of this township we make a final test as

follows:

April 12, 1924: At our camp in Sec. 30, T.42 S. R.16 E. Salt Lake Base and Meridian, in latitude $37^{\circ} 8\frac{1}{2}'$ N., longitude $110^{\circ} 15'$ W., at 6h. 5m. 30s., p.m. l.m.t. using Buff & Buff transit No. 9220, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, with a tack in a stake, driven firmly in the ground about 10 chs. N. of my station.

Azimuth of Polaris at western elongation $1^{\circ} 23'$

April 13, 1924: At 7h. 45m., a.m., apparent time, I lay off the azimuth of Polaris, $1^{\circ} 23'$, to the east and mark the meridian thus determined by a tack in a peg, driven firmly in the ground about 10 chs. N. of my station.

At 9h. 0m. a.m., apparent time, with all three instruments in the meridian, we set off $37^{\circ} 8\frac{1}{2}'$ N. on the lat. arcs; $9^{\circ} 7\frac{1}{2}'$ N. on the decl. arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian, the resulting reading of the decl. arcs is $9^{\circ} 10'$ N., which agrees with the computed declination of the sun.

At 3h. 0m. p.m. apparent time, with the lat. arcs unchanged, we set off $9^{\circ} 13'$ N. on the decl. arcs and determine meridians with the solar attachments, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work come within $1'$ of the true meridian, we conclude that the instruments have been maintained in proper adjustment throughout the progress of the survey of this township.

Unless otherwise specified all azimuth determinations were accomplished with the solar attachments heretofore described and tested.

Measurements

Unless otherwise specified, all measurements were made with Lallie steel ribbon tapes five chains in length, compared with a Lufkin standard steel tape, one chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Method of Procedure.

The east boundary of this township is embodied in the finished field notes of the the survey of T. 43 S., R. 17 E., and the north boundary of the township is embodied in the finished field notes of the survey of T. 42 S., R. 16 E.

The Utah-Arizona Boundary Line forms the south boundary of the township, and a resurvey was made of the same from the 213th mile post to the 219th mile post. The west boundary of the township, was run south from the cor. of Ts. 42 and 43 S., Rs. 15 and 16 E., a distance of 479.41 chs., and the fractional distance placed in the south half mile. At the intersection of this boundary with the Utah-Arizona Boundary Line, the closing cor. of T. 43 S., Rs. 15 and 16 E., was set.

The township is subdivided from the north to the south and from the east to the west, placing the fractional distances against the west boundary and the Utah-Arizona Boundary Line. Closing cors. were set on the Utah-Arizona Boundary Line and $\frac{1}{4}$ sec. cors. for the sections to the north of said boundary line are set at mid-point between the closing cors.

Retracement of the Utah-Arizona Boundary Line.

Chains

From the 213th mile post of the Utah-Arizona Boundary Line, hereinafter described.

East, retracing the 214th mile of the Utah-Arizona Boundary Line.

79.83 Fall 14 lks. S. of the 214th mile post of the Utah-Arizona Boundary Line, hereinafter described.

The course of this mile therefore is, N. $89^{\circ}54'$ E., and the distance is 79.83 chs.

East, retracing the 215th mile of the Utah-Arizona Boundary Line.

80.04 Fall 10 lks. S. of the 215th mile post of the Utah-Arizona Boundary Line, hereinafter described.

The course of this mile therefore is, N. $89^{\circ}56'$ E., and the distance is 80.04 chs.

East, retracing the 216th mile of the Utah-Arizona Boundary Line.

80.00 Find no trace of the 216th mile post of the Utah-Arizona Boundary Line. Continue East, on same line with continuous measurement and at,

240.12 Fall 14 lks. S. of the 218th mile post of the Utah-Arizona Boundary Line, hereinafter described.

The course of the 216th, 217th and the 218th miles of the Utah-Arizona Boundary Line, therefore is N. $89^{\circ}58'$ and the proportionate distance for each mile is 80.04 chs.

East, retracing the 219th mile of the Utah-Arizona Boundary Line.

79.91 Fall 5 lks. S. of the 219th mile post of the Utah-Arizona Boundary Line, hereinafter described.

The course of the mile therefore is N. $89^{\circ}58'$ E., and the distance is 79.91 chs.

Resurvey of The Utah-Arizona Boundary Line

Chains

From the 213th mile post of the Utah-Arizona Boundary Line, which is a sandstone, 12 x 12 x 7 ins., above ground, firmly set, marked UTAH on N. face, 37 N.L. on E. face, ARIZ. on S. face and 213M. on W. face, witnessed by a mound of stone, $5\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, E. of cor. I remonument the cor. as follows.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside the original mile cor., for the 213th mile cor. of the Utah-Arizona Boundary Line, with brass cap marked.

UTAH
213M

ARIZ.
1924

Thence,

N. $89^{\circ}54'$ E., on a resurvey along the 214th mile of the Utah-Arizona Boundary Line.

Ascend gradually over broken sandstone ledges through scattering timber and undergrowth.

18.66 Point for the closing cor. of T. 43 S., Rs. 15 and 16 E., hereinafter described.

53.20 Top of sandstone ridge, 80 ft. above the 213th mile post, bears N. and S. From this point, a small cave which contains the ruins of an ancient cliff dwelling, bears north, 5.00 chs. dist. Thence descend abruptly over broken sandstone ledges.

57.74 Point 40.00 chs. W. of the point for the closing cor. of secs. 31 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for
sec. 31
 $\frac{1}{4}$ sec. cor., with brass cap marked

U
 $\frac{1}{4}$ S31

A
1924

Deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked with a cross (X).

Resurvey of The Utah-Arizona Boundary Line

order

Chains

No other suitable accessories available.

79.83 The 214th mile post of the Utah-Arizona Boundary Line, which is a sandstone, 14 x 10 x 7 ins. above ground, loosely set, marked UTAH on N. face, 37 N.L. on E. face, ARIZ. on S. face and 214M on W. face. I reconstruct the mile post as follows.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside the original cor. monument, for the reconstructed 214th mile cor. of the Utah-Arizona Boundary Line, with a brass cap marked.

UTAH
214M

ARIZ
1924

Raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor. No other suitable accessories available:

Land, broken E. and W. breaks of sandstone ridge, with a general easterly and westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar.

Fair grazing.

N. 89°56' E., along the 215th mile of the Utah-Arizona Boundary Line.

Over rolling sand hills through scattering undergrowth.

17.91 Point for the closing cor. of secs. 31 and 32, herein-after described.

57.745 Point midway bet. the points for the closing cors. of secs. 31 and 32 and secs. 32 and 33.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. sec. 32, with brass cap marked.

Resurvey of the Utah-Arizona Boundary Line

Chains

U
S 32

A
1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.04 The 215th mile post of the Utah-Arizona Boundary Line, which is an old rusted piece of iron pipe extending 15 ins. above the ground. I reconstruct the mile post as follows.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside the original cor. monument, for the reconstructed 215th mile cor. of the Utah-Arizona Boundary Line, with brass cap marked.

UTAH
215M

ARIZ
1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general southeasterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

N. 89°58' E., along the 216th mile of the Utah-Arizona Boundary Line.

Over rolling land through scattering undergrowth.

17.54 Point for the closing cor. of secs. 32 and 33, hereinafter described.

Resurvey of The Utah-Arizona Boundary Line

encl.

Chains

37.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

52.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

57.495 Point midway bet. the points for the closing cor. of secs. 32 and 33, and secs. 33 and 34.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 33, with brass cap marked.

U
 $\frac{1}{4}$ S 33

A
1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.04 Proportionate measurement.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the reestablished 216th mile post of the Utah-Arizona Boundary Line, with brass cap marked.

UTAH
216M

ARIZ.
1924

Deposit a sandstone, 12 x 10 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

N. 89°58' E., along the 217th mile of the Utah-Arizona Boundary Line.

Over rolling land through scattering undergrowth.

Resurvey of The Utah-Arizona Boundary Line.

Chains

17.41 Point for the closing cor. of secs. 33 and 34, hereinafter described.

57.225 On rolling land, point midway bet. the points for the closing cons. of secs. 33 and 34, and secs. 34 and 35. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 34, with brass cap marked.

U
 $\frac{1}{4}$ S34

A
1924

Deposit a sandstone, 6 x 5 x $\frac{1}{4}$ ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.04 Proportionate measurement.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the reestablished 217th mile post of the Utah-Arizona Boundary Line, with brass cap marked.

UTAH
217M

ARIZ.
1924

Deposit a sandstone, 5 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, pose and mountain rush.

No timber.

Fair grazing.

Resurvey of The Utah-Arizona Boundary Line.

Chains

N. $89^{\circ}58'$ E., along the 218th mile of the Utah-Arizona Boundary Line.

Over rolling sand hills through scattering undergrowth.

17.00 Point for the closing cor. of secs. 34 and 35, hereinafter described.

57.07 Point midway bet. the points for the closing cors. of secs. 34 and 35 and secs. 35 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked.

U
 $\frac{1}{4}$ S35

A
1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

59.00 Base of abrupt ascent over sandstone butte, bears N. and S.

66.90 Top of elongated sandstone butte, 180 ft. above base, bears N. and S.; descend abruptly over broken SE. slope of butte.

80.04 At base of abrupt descent from butte, bears NE. and SW., 280 ft. below top; the 218th mile post of the Utah-Arizona Boundary Line, which is a sandstone, 16 x 10 x 6 ins., firmly set, marked UTAH on N. face, 37 N.L. on N. face, ARIZ. on S. face, and 218M. on west face, witnessed by a mound of stone, $5\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, E. of cor.

Land, rolling sand hills on W. portion of mile with a general northwesterly exposure and drainage; broken slopes of sandstone butte on E. portion with a general southeasterly exposure and drainage.

Soil, shallow sandy loam and sandstone surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Resurvey of The Utah-Arizona Boundary Line

Chains

No timber.

Fair grazing.

N. 89°58' E., along the 219th mile of the Utah-Arizona Boundary Line.

Over rolling sand hills through scattering undergrowth.

17.10 Point for the closing cor. of secs. 35 and 36, hereinafter described.

57.07 On rolling land, point midway bet. the points for the closing cor. of secs. 35 and 36, and the closing cor. of T. 43 S., Rs. 16 and 17 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., sec. 36, with brass cap marked.

U
 $\frac{1}{4}$ S36

A
1924

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.91 The 219th mile post of the Utah-Arizona Boundary Line, which is described in the notes of the survey of T. 43 S., R. 17 E. I reconstruct the mile post as follows.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, alongside the original mile post, for the reconstructed mile cor. to the 219th mile of the Utah-Arizona Boundary Line, with brass cap marked.

UTAH
219M

ARIZ.
1924

Note: From this mile post, the closing cor. of T. 43 S., Rs. 16 and 17 E., which is described in the finished field notes of the survey of T. 43 S., R. 17 E., bears S. 89°57' E., 17.13 chs. dist.

Resurvey of the Utah-Arizona Boundary Line.

Chains

Land, rolling sand hills with a general southeasterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, rose and mountain rush.

No timber.

Fair grazing.

Survey of The West Boundary of T. 43 S., R. 16 E.

From the cor. of Ts. 42 and 43 S., Rs. 15 and 16 E., which is described in the finished field notes of the survey of T. 42 S., R. 16 E.

South, bet. secs. 1 and 6, along the W. bdy. of the township.

Over rolling bench land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S1 | S6

1924

Deposit a sandstone, 8 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

45.00 Top of small raise, 30 ft. high, bears SE. and NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7, and 12, with brass cap marked.

T43S
R15E | R16E
S1 | S6

S12 | S7

1924

Survey of the West Boundary of T. 43 S., R. 16 E.

Chains

30 Deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked with a cross (X).

000 No other suitable accessories available and soil too sandy for pits.

Land, rolling with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

South, bet. secs. 7 and 12.

Over rolling land through scattering undergrowth.

15.00 Rolling top of low raise, 40 ft. high, bears E. and W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S12 | S7
 1924

Deposit a sandstone, 4 x 3 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T43S
 R15E | R16E
 S12 | S7
 S13 | S18
 1924

Survey of The West Boundary of T. 45 S., R. 16 E.

Chains

enland

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, opse and mountain rush.

No timber.

Fair grazing.

South, bet. secs. 13 and 18.

Over rolling sand hills through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked.

S13 | S18

1924

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.20 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with cap marked.

T43S
R15E | R16E
S13 | S18

S24 | S19

1924

chains

Deposit a sandstone, 7 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

South, bet. secs. 19 and 24.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S24 | S19
 1924

Deposit a sandstone, 4 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

60.50 Wash, 40 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.

T43S
 R15E | R16E
 S24 | S19
 S25 | S30

1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post, marked with a cross (X).

Survey of The West Boundary of T. 43 S.; R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, oose and mountain rush.

No timber.

Fair grazing.

South, bet. secs. 25 and 30.

Over rolling land through scattering undergrowth.

19.10 Wash, 30 lks. wide, 4-ft. deep, drains NW.

35.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	
S25	S30
1924	

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

68.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T43S	
R15E	R16E
S25	S30
S36	S31
1924	

Deposit a sandstone, 7 x 4 x 3 ins., at base of post, marked with a cross (X).

Survey of The West Boundary off. 43 S., R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

South, bet. secs. 31 and 36.

Over rolling land through scattering undergrowth.

25.00 Wash, 20 lks. wide, 4 ft. deep, drains N. 10° W.

27.97 Left point for offset.

30.00 Base of mesa, bears NW. and SE.; thence ascend abruptly over broken breaks of mesa.

38.77 Base of vertical wall of mesa, 200 ft. high, bears NW. and SE., 300 ft. above base of mesa. As the true point for the $\frac{1}{4}$ sec. cor., ^{falls} on inaccessible sandstone ledges where it is impossible to reach the true cor. point, therefore, at this point.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 31 and 36, with brass cap marked.

$\frac{1}{4}$
S36 | S31
W | C

1924

From which,

A point on the vertical wall of a sandstone ledge, marked X B0, bears south, 10 lks. dist.

No other suitable accessories available.

As inaccessible sandstone ledges makes chaining to the S. of this point impossible, I return to the 27.97 chs. point and run on offset line as follows.

Survey of The West Boundary of T. 43 S., R. 16 E.

Chains

East, 23.09 chs., thence,
South, 25.57 chs., thence,
West, 10.85 chs., thence,
South, 25.21 chs., thence,
West, 12.24 chs. to

78.75 Point on true line, thence on true line.

79.41 Intersect the Utah-Arizona Boundary Line, N. 89°54' E.,
18.66 chs. dist. from the 213th mile post, heretofore
described.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the
ground, for closing cor. of T. 43 S., R. 15 and 16 E.,
with brass cap marked,

UTAH	
CC	
T43S	
R15E	R16E
S36	S31

ARIZ.
1924

From which,

A cedar, 20 ins. diam., bears N. 53°30' E., 415 lks.
dist., marked T43S R16E S31 CC BT.

A pinon, 14 ins. diam., bears N. 33°30' W., 593 lks.
dist., marked T43S R15E S36 CC BT.

Land, rolling sand hills on N. portion of mile; broken
sandstone ledges on S. portion.

Soil, shallow rocky clay and sand loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Water, a few scattering cedar and pinon on extreme S.
portion of mile.

Fair grazing.

Chains

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the township, which is described in the finished field notes of the survey of T. 42 S., R. 16 E.

S. 0°01' E., bet. secs. 1 and 2.

Over rolling land through scattering undergrowth.

26.00 Road, bears NW. to Moonlight, Utah, and SE: to Bluff, Utah.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked.

$\frac{1}{4}$
S2 | S1
1924

Deposit a sandstone, 6 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.00 Road, bears NE. to Bluff, Utah and SW. to Kayenta, Arizona.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T43S | R16E
S2 | S1
S11 | S12
1924

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber. Fair grazing.

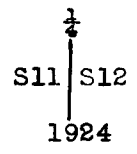
Subdivision of T. 43 S., R. 16 E.

Chains	
	East, on random line bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect the E. bdy. of the township, at the cor. of secs. 1, 6, 7, and 12, which is described in the finished field notes of the survey of T. 43 S., R. 17 E.
	Thence,
	West, on true line bet. secs. 1 and 12.
	Over rolling land through scattering undergrowth.
39.96	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S1 \\ \hline \frac{1}{4} \\ S12 \end{array}$
	1924
	Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).
	No other suitable accessories available, and soil too sandy for pits.
65.00	Base of gradual ascent over small sandstone ledge, bears N. 30° E. and S. 80° W.
71.00	Top of ascent from ledge, 40 ft. above base, bears NE. and SW.
79.92	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling sand hills with a general northwesterly exposure and drainage.
	Soil, deep sandy loam; 3rd rate.
	Undergrowth, scattering blackbrush, oose and mountain rush.
	No timber.
	Fair grazing.
	S. 0°01' E., bet. secs. 11 and 12.
	Over broken land through scattering timber and undergrowth.
17.10	Small sandstone ledge, 30 ft. high, bears E. and W.

Subdivision of T. 43 S., R. 16 E.

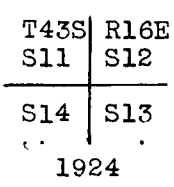
Chains

29.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.
 40.00 On rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,
 A cedar, 4 ins. diam., bears S. 43°30' E., 94 lks. dist., marked $\frac{1}{4}$ S12 BT.
 A cedar, 8 ins. diam., bears S. 39°30' W., 98 lks. dist., marked $\frac{1}{4}$ S11 BT.

48.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.
 63.30 Base of sandstone ledge, bears SE. and NW.
 67.80 Top of ledge, 70 ft. above base, bears SE. and NW.;
 . . . thence ascend gradually.
 80.00 At base of small ledge, 10 ft. high, bears SE. and NW.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, and in a large mound of stone, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.



Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).
 No other suitable accessories available and soil too shallow for pits.
 Land, broken by outcroppings of sandstone ledges with a northwesterly exposure and drainage.
 Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
 Undergrowth, scattering blackbrush, oose and mountain rush.
 Timber, scattering scrub cedar and pinon.
 Fair grazing.

Subdivision of T. 43 S., R. 16 E.

Chains	
	East, on random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is described in the notes of the survey of T. 43 S., R. 17 E.
	Thence,
	N. $89^{\circ}58'$ W., on true line bet. secs. 12 and 13.
	Over rough mountainous land through scattering timber and undergrowth.
8.70	Spur from main ridge to the S., 60 ft. above cor., projects NE.; ascend gradually.
14.30	Enter broken top of bench, 70 ft. above spur, bears N. and S.; thence over broken top of bench.
37.60	Small draw, 20 ft. deep, drains N.
39.94	In small draw, 10 ft. deep, drains NE.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S12 \\ \frac{1}{4} \\ \hline S13 \end{array}$
	1924
	From which,
	A cedar, 4 ins. diam., bears N. 6° E., 52 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A cedar, 3 ins. diam., bears S. $13^{\circ}30'$ E., 33 lks. dist., marked BT.
51.00	The N. point of sandstone spur from butte 15.00 chs. to the S., 40 ft. high.; ascend gradually.
67.50	Spur, 60 ft. high, projects N.; descend gradually.
75.00	Head of draw, 40 ft. below spur, drains N.; ascend gradually.
79.88	The cor. of secs. 11, 12, 13 and 14, 30 ft. above draw.
	Land, broken by sandstone ledges with a general northerly exposure and drainage.
	Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Subdivision of T. 43 S., R. 16 E.

Chains

Undergrowth, scattering blackbrush, goose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°01' E., bet. secs. 13 and 14.

Ascend abruptly over broken sandstone ledges through
scattering undergrowth and timber.

14.40 Top of pass between two sandstone buttes, 130 ft. above
cor., bears E. and W. The E. base of the W. butte
bears W., 5.00 chs., and the W. base of the E. butte,
bears E., 6.00 chs.; descend abruptly over broken S.
slope of pass.

25.80 Head of draw, 200 ft. below pass, drains SW.; ascend
gradually.

33.00 Spur, 40 ft. above head of draw, projects SW.; thence
descend gradually over rolling land.

40.00 On rolling land, 40 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S14 | S13
1924

Deposit a sandstone, 8 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

80.00 On rolling land, 40 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 13, 14, 23 and 24, with brass
cap marked.

T43S | R16E
S14 | S13
S23 | S24

1924

Subdivision of T. 43 S., R. 16 E.

Chains

From which,

A cedar, 6 ins. diam., bears S. 20° W., 60 lks.
dist., marked T43S R16E S23 BT.

A cedar, 6 ins. diam., bears N. 39° W., 114 lks.
dist., marked T43S R16E S14 BT.

No other suitable accessories available and soil too
sandy for pits.

Land, broken by sandstone ledges on N. portion of mile,
rolling sand hills on S. portion. General drainage
and exposure, SW.

Soil, shallow sandy loam mixed with loose sandstone; 3rd
rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 13 and 24.

40.00 Set temp. 4 sec. cor.

79.80 Intersect the E. bdy. of the township, 12 lks. S. of the
cor. of secs. 13, 18, 19 and 24, which is described
in the finished field notes of the survey of T. 43 S.,
R. 17 E.

Thence,

S. 89°57' W., on true line bet. secs. 13 and 24.

Over rolling land through scattering undergrowth.

39.90 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S13
 $\frac{1}{4}$
S24

1924

Deposit a sandstone, 6 x 4 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

Subdivision of T. 43 S., R. 16 E.

76.00	Wash, 30 lks. wide, 4 ft. deep, drains SW.
79.80	The cor. of secs. 13, 14, 23 and 24.
	Land, rolling sand hills with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
	Undergrowth, scattering blackbrush, oose and mountain rush.
	No timber.
	Fair grazing.
	S. 0°01' E., bet. secs. 23 and 24.
	Over rolling land through scattering undergrowth.
6.90	Wash, 30 lks. wide, 4 ft. deep, drains SW.
40.00	On sandstone surfacerock, mark a cross (X), over which, Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} \frac{1}{4} \\ \hline \text{S23} \mid \text{S24} \\ \hline 1924 \end{array}$
40.80	Spur, 30 ft. high, projects NW.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap marked.
	$\begin{array}{c} \text{T43S} \mid \text{R16E} \\ \hline \text{S23} \mid \text{S24} \\ \hline \text{S26} \mid \text{S25} \\ \hline 1924 \end{array}$
	Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).
	No other suitable accessories available and soil too sandy for pits.
	Land, rolling sand hills, broken in places by outcroppings of sandstone ledges with a general southwesterly exposure and drainage.

Subdivision of T. 43 S., R. 16 E.

Chains

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

N. 89°57' E., on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the E. bdy. of the township, 30 lks. N. of the
cor. of secs. 19, 24, 25 and 30, which is described
in the finished field notes of the survey of T. 43 S.,
R. 17 E.

Thence,

N. 89°50' W., on true line bet. secs. 24 and 25.

Ascend gradually over broken land through scattering
timber and undergrowth.

14.00 Top of E. rim of ridge, bears NE. and SW.

21.80 Top of ridge, 80 ft. above cor., bears NE. and SW.;

15.00 chs. to the S. of ridge, a small canyon drains
E.; descend gradually over broken NW. slope of ridge.

31.80 Wash, 30 lks. wide, 4 ft. deep, drains SW.

39.90 On broken land, 60 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S24 \\ \frac{1}{4} \\ \hline S25 \end{array}$$

1924

From which,

A cedar, 6 ins. diam., bears N. 75° E., 216 lks.
dist., marked $\frac{1}{4}$ S24 BT.

A cedar, 6 ins. diam., bears S. 65°30' W., 126 lks.
dist., marked $\frac{1}{4}$ S25 BT.

77.80 Wash, 30 lks. wide, 4 ft. deep, drains SW.

79.80 The cor. of secs. 23, 24, 25 and 26.

Subdivision of T. 43 S., R. 16 E.

Chains

Land, broken by outcroppings of sandstone ledges with a general southwesterly exposure and drainage.
 Soil, shallow sandy loam mixed with loose sandstone.
 Undergrowth, scattering blackbrush, oose and mountain rush.
 Timber, scattering scrub cedar and pinon.
 Fair grazing.

S. 0°01' E., bet. secs. 25 and 26.

Over broken land through scattering timber and undergrowth.

1.00 Wash, 30 lks. wide, 4 ft. deep, drains SW.

40.00 On broken land.

Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

$\frac{1}{4}$
 S26 | S25
 1924

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.00 At base of sandstone butte, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.

T43S | R16E
 S26 | S25
 S35 | S36
 1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with across (X)

No other suitable accessories available and soil too sandy for pits.

Land, broken by sandstone ledges with a general southwesterly exposure and drainage.

Subdivision of T. 43 S., R. 16 E.

Chains

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon,
Fair grazing.

S, 89°50' E., on random line bet. secs. 25 and 36.

As the N. point of a high elongated sandstone butte makes chaining on line to the E. impossible from the cor. of secs. 25, 26, 35 and 36, I offset as follows.

N. 0°01' W., 17.00 chs.; thence,

S. 89°50' E., 38.00 chs.; thence,

S. 0°01' E., 17.00 chs. to

38.00 Point on random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect the E. bdy. of the township, at the cor. of secs. 25, 30, 31 and 36, which is described in the finished field notes of the survey of T. 43 S., R. 17 E.

Thence,

N. 89°50' W., on true line bet. secs. 25 and 36.

Ascend gradually over broken N. breaks of sandstone butte through scattering undergrowth and timber.

25.00 The E. point of a high sandstone butte bears S., 20.00 chs. dist.

39.94 On broken N. slope, 160 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S25
 $\frac{1}{4}$
S36

1924

Deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Subdivision of T. 43 S., R. 18 E.

Chains

- 41.88 Thence by offset as follows, giving topography on offset line and counting distances W. from the cor. of secs. 25, 30, 31 and 36.
- N. 0°01' W., 17.00 chs. thence,
- N. 89°50' W., 38.00 chs. to the W. bdy. of secs 25.
- 68.30 Top of spur from butte, projects N.; descend abruptly.
- 72.00 Bottom of gulch, 80 ft. deep, drains NE.; ascend abruptly.
- 75.00 Ridge, bears NE. and SW., 70 ft. high; thence, S. 0°01' E., 17.00 chs. to
- 79.88 The cor. of secs. 25, 26, 35 and 36.
- Land, broken breaks of a large sandstone butte with a general northeasterly exposure and drainage.
- Soil, shallow sandy loam mixed with loose sandstone; 3 rd rate.
- Undergrowth, scattering blackbrush, oose and mountain rush.
- Timber, scattering scrub cedar and pinon.
- Fair grazing.
-
- S. 0°01' E., bet. secs. 35 and 36.
- Over broken sandstone ledges through scattering timber and undergrowth.
- As a high sandstone butte with perpendicular walls, 400 ft. high, over which I am unable to project my line, makes it impossible to run S. from the cor. of secs. 25, 26, 35 and 36, I commence at the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, and run S. 0°01' E., through sec. 36.
- 40.00 High perpendicular sandstone walls of the SE. breaks of sandstone butte make it impossible to reach true line from this point; continue S. 0°01' E., through sec. 36 on offset line to
- 58.17 N. 89°50' W., 39.94 chs. to point on true line bet. secs. 35 and 36, at the base of high sandstone ledge with

Chains.

perpendicular walls, 400 ft. high, bears NE. and SW.
As the true point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36,
falls on the inaccessible top of a high sandstone
butte, and the 58.17 chs. point is the nearest point
to the true position for the $\frac{1}{4}$ sec. cor. of secs. 35
and 36 that could be reached; therefore, at this point
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the $\frac{1}{4}$ sec. cor., secs. 35 and 36, with
brass cap marked.

W C
1
S35 | S36
1924

From which,

A point on a sandstone wall, marked X B O, bears
N. 30° W., 8 lks. dist.

No other suitable accessories available for cor.

Thence, S. 0°01' E., on true line bet. secs. 35 and 36,
from the witness cor. to the $\frac{1}{4}$ sec. cor.; descend
abruptly over broken S. slope of butte.

79.35 On broken S. slope, 250 ft. below the witness cor. to the
 $\frac{1}{4}$ sec. cor.; intersect the Utah-Arizona Boundary Line,
N. 89°58' E., 17.10 chs. dist. from the 218th mile
post, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground to bedrock and in a large mound of stone, for
closing cor. of secs. 35 and 36, with brass cap marked.

UTAH
C | C
T43S | R16E

ARIZ.
1924

Deposit a sandstone, 8 x 6 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Chains

Land, broken S. and N. breaks of high inaccessible sandstone butte.

Soil, sandstone surfacerock and shallow sandy loam, mixed with loose sandstone; 4th rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the township, which is described in the finished field notes of the survey of T. 42 S., R. 16 E.

S. 0°01' E., bet. secs. 2 and 3.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S3 | S2
 1924

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

54.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.

T43S | R16E
 S3 | S2
 S10 | S11
 1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd Rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the N. and S. line, 10 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 2 and 11.

Over rolling sand hills through scattering undergrowth and timber.

5.00 Road, bears NE. to Bluff, Ut. and SW. to Kayenta, Arizona.

28.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

35.00 Wash, 30 lks. wide, 4 ft. deep, drains N. 20° W.

39.99 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 32 \\ \frac{1}{4} \\ \hline S11 \end{array}$$

1924

Deposit a sandstone, 8 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

64.00 Wash, 60 lks. wide, 6 ft. deep, drains N.

79.98 The cor. of secs. 2, 3, 10 and 11.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Remains

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, coose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°01' E., bet. secs. 10 and 11.

Over rolling land through scattering undergrowth.

15.00 Top of low sandy raise, 30 ft. high, bears E. and W.

25.00 Wash, 50 lks. wide, 8 ft. deep, drains SW.

30.00 Road, bears NE. to Bluff, Utah and SW. to Kayenta, Ariz.

40.00 On rolling land,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S10 | S11
 1924

Deposit a sandstone, 6 x 3 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

41.00 Wash, 30 lks. wide, 4 ft. deep, drains W.; thence ascend abruptly over broken N. breaks of sandstone butte.

75.00 Base of sandstone butte, bears E. and SW.

80.00 At base, of perpendicular sandstone ledge, 500 ft. high, and 380 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T43S | R16E
 S10 | S11
 S15 | S14

1924

Deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Subdivision of T. 43 S., R. 16 E.

Chains

Series 3

Land, rolling sand hills on N. portion of mile, broken

N. slope of sandstone butte on S. portion.

General drainage and exposure, NW.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, loose and mountain rush.

No timber.

Fair grazing.

S. 89°56' E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence,

West, on true line bet. secs. 11 and 14.

Ascend gradually over broken N. breaks of high sandstone buttes through scattering undergrowth and timber.

40.01 On broken N. slope of sandstone butte, nears base, 160 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S11 \\ \frac{1}{4} \\ \hline S14 \end{array}$$

1924

From which,

A cedar, 4 ins. diam., bears S. 45° W., 28 lks. dist., marked $\frac{1}{4}$ S14 BT.

A cedar, 4 ins. diam., bears N. 36° W., 30 lks. dist., marked $\frac{1}{4}$ S11 BT.

80.02 The cor. of secs. 10, 11, 14 and 15, 400 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken N. breaks of sandstone buttes with a general northerly exposure and drainage.

Subdivision of T. 43 S., R. 16 E.

Chains

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°01' E., bet. secs. 14 and 15.

As the line to the S. of the cor. of secs. 10, 11, 14 and 15, passes over the inaccessible NW. point of sandstone butte with perpendicular walls, 400 ft. high, I offset as follows, through scattering timber and undergrowth.

West, 4.10 chs.; thence,

S. 0°01' E., 40.00 chs.; thence,

East, 4.10 chs. to

40.00 Point on true line, on steep "w. breaks of butte.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14 | S15

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

As the line to the S. of the $\frac{1}{4}$ sec. cor., passes over the inaccessible top of the SW. point of butte, I offset as follows.

West, 40.00 chs.; thence,

S. 0°01' E., 60.00 chs.; impossible to reach true line from the point on the S. bdy. of sec. 15; thence,

East, 40.00 chs. to the line bet. secs. 22 and 23, thence,

N. 0°01' W., 20.00 chs. to

Subdivision of T. 43 S., R. 16 E.

Chains

80.00 Point for the cor. of secs. 14, 15, 22 and 23, near the base of a 600 ft. sandstone wall which forms the SE. face of the SW. point of sandstone butte.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 14, 15, 22 and 23, with brass cap marked.

T43S	R16E
S15	S14

S22	S23
-----	-----

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

From this cor., the base of a sandstone wall, 600 ft. high, bears N., 10.00 chs. dist. and W., 8 chs. dist.

Land, broken w. breaks of sandstone butte with a general westerly exposure and drainage.

Soil, sandstone surface rock and shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 13, 14, 23 and 24.

Thence,

West, on true line bet. secs. 14 and 23.

Ascend gradually over broken land through scattering undergrowth and timber.

15.80 Draw, 20 ft. deep, drains S.

29.00 Draw, 30 ft. deep, drains S.

40.00 On broken land, 70 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 43 S., R. 16 E.

Chains

S14
 $\frac{1}{4}$
 S23

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Thence ascend over broken SE. breaks of butte.

80.00 The cor. of secs. 14, 15, 22 and 23, 80 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken by sandstone ledges with a general southerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°01' E., bet. secs. 22 and 23.

Descend gradually over broken land through scattering timber and undergrowth.

10.00 Base of descent at base of sandstone butte, bears NE. and SW.; thence over rolling land.

40.00 On rolling land.

Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S22 | S23
 1924

Deposit a sandstone, 6 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

44.50 Wash, 60 lks. wide, 8 ft. deep, drains SW.

Subdivision of T. 43 S., R. 16 E.

Chains

66.70 Wash, 60 lks. wide, 6 ft. deep, drains W.; from this point, a small spring of good water, bears E., 12.00 chs. dist. On the N. bank of a wash, near the spring is a small stone cabin.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.

T43S	R16E
S22	S23
S27	S26

1924

Deposit a sandstone, 8 x 4 x 4 ins., at base of post, marked with a cross (X).

No other accessories available and soil too sandy for pits
Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, opse and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the cor. of secs. 23, 24, 25 and 26.

Thence,

West, on true line bet. secs. 23 and 26.

Over rolling land through scattering undergrowth.

40.02 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	S23
	S26

1924

Subdivision of T. 43 S., R. 16 E.

Chains

Deposit a sandstone, 5 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

60.00 Enter scattering scrub timber, bears N. and S.

80.04 The cor. of secs. 22, 23, 26 and 27.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, deep sandy loam; 3rd rate..

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar on W. portion of mile.

Fair grazing.

S. 0°01' E., bet. secs. 26 and 27.

Over rolling sand hills through scattering undergrowth.

28.80 Wash, 30 lks. wide, 4 ft. deep, drains W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S27 | S26
1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post,
marked with a cross (X)..

No other suitable accessories available and soil too
sandy for pits.

73.00 Wash, 30 lks. wide, 4 ft. deep, drains W.

79.50 Wash, 20 lks. wide, 3 ft. deep, drains W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 26, 27, 34 and 35, with brass
cap marked.

Subdivision of T. 43 S., R. 16 E.

Chains

T43S	R16E
S27	S26
S34	S35

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence,

S. 89°56' W., on true line bet. secs. 26 and 35.

Descend gradually over broken W. slope of sandstone butte through scattering undergrowth.

22.00 Base of descent from W. slope of butte, 160 ft. below the sec. cor., bears N. and S.; thence over rolling land.

39.96 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S26
$\frac{1}{4}$
S35

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Subdivision of T. 43 S., R. 16 E.

Chains	
79.92	<p>The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, broken W. slope of sandstone butte on E. portion of mile, rolling sand hills with a general westerly exposure and drainage. on W. portion.</p> <p>Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.</p> <p>Undergrowth, scattering blackbrush, oose and mountain rush.</p> <p>No timber.</p> <p>Fair grazing.</p>
	<p>S. 0°01' E., bet. secs. 34 and 35.</p> <p>Over rolling land through scattering undergrowth.</p> <p>28.50 Wash, 30 lks. wide, 4 ft. deep, drains W.</p> <p>36.00 Wash, 20 lks. wide, 4 ft. deep, drains W.</p> <p>40.00 On rolling land.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked.</p> <div style="text-align: center;"> $\frac{1}{4}$ S34 | S35 1924 </div> <p>Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).</p> <p>No other suitable accessories available and soil too sandy for pits.</p> <p>50.80 Wash, 30 lks. wide, 4 ft. deep, drains W.</p> <p>60.00 Wash, 40 lks. wide, 4 ft. deep, drains W.</p> <p>77.00 Wash, 30 lks. wide, 3 ft. deep, drains W.</p> <p>79.20 Intersect the Utah-Arizona Boundary Line, N. 89°58' E., 17.00 chs. dist. from the 217th mile post, which is heretofore described.</p> <p>At point of intersection.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 34 and 35, with brass cap marked.</p>

Subdivision of T. 43 S., R. 16 E.

Chains

UTAH	
C	C
T43S	R16E
S34	S35

ARIZ.
1924

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the township, which is described in the finished notes of the survey of T. 42 S., R. 16 E.

S. 0°02' E., bet. secs. 3 and 4.

Over rolling sand hills through scattering undergrowth.

15.00 Low sandy ridge, 20 ft. high, bears E. and W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S4 | S3
 1924

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

42.00 Wash, 30 lks. wide, 4 ft. deep, drains W.

Chains

60.00 Low sandy ridge, 30 ft. high, bears E. and W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T43S	R16E
S4	S3
S9	S10

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,

S. 89°55' W., on true line bet. secs. 3 and 10.

Over rolling land through scattering undergrowth.

40.03 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S3
$\frac{1}{4}$
S10

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.

Chains

aniso

No other suitable accessories available and soil too sandy for pits.

80.06

The cor. of secs. 3, 4, 9 and 10. Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

40.00

S. 0° C2' E., bet. secs. 9 and 10.

Over rolling land through scattering undergrowth.

On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S9 | S10
1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

50.00

Low sandstone outcropping, bears NE. and SW.

54.00

Wash, 40 lks. wide, 4 ft. deep, drains SW.

64.60

Wash, 50 lks. wide, 4 ft. deep, drains W.

80.00

On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.

T43S | R16E
S9 | S10
S16 | S15
1924

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

N. 89°55' E., on random line bet. sec. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ Sec. cor.

79.96 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S. 89°56' W., on true line bet. secs. 10 and 15.

Descend abruptly over broken W. point of base of butte through scattering timber and undergrowth.

6.00 Base of W. point of butte, 240 ft. below cor., bears NE. and SW.; thence descend gradually over broken NW. talus slope of butte.

39.98 On broken NW. talus slope of butte, 50 ft. below base, on sandstone surfacerock, mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S10}{S15}$

1924

From which,

A cedar, 4 ins. diam., bears S. 8°45' W., 156 lks. dist., marked $\frac{1}{4}$ S15 BT.

A cedar, 4 ins. diam., bears N. 16°30' W., 148 lks. dist., marked $\frac{1}{4}$ S10 BT.

44.20 Top of sandstone rimrock, 20 ft. high, bears N. and S.

Subdivision of T. 43 S., R. 16 E.

Chains

- 61.00 Wash, 60 lks. wide, 6 ft. deep, drains N.
 74.00 Road, bears NE. to Pluff, Utah and SW. to Kayenta, Arizona
 79.96 The cor. of secs. 9, 10, 15 and 16, 120 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken by sandstone ledges with a general north-westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°02' E., bet. secs. 15 and 16.

Over rolling land through scattering undergrowth.

- 4.00 Road, bears NE. to Pluff, Utah and SW. to Kayenta, Arizona
 26.20 Wash, 60 lks. wide, 8 ft. deep, drains W.
 40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S16 | S15
 1924

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

- 59.00 Top of sandstone rimrock, 200 ft. high, bears W. and E.,
 3.00 chs., thence S.; thence along base of rimrock.

- 80.00 On rolling land at base of rimrock.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

T43S R16E
S 16 S 15
S 21 S 22
1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd.
rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

N. 89° 56' E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

40.12 The inaccessible SW. point of a high sandstone butte
makes chaining to the E. impossible, I therefore
offset around point of butte as follows:

S. 0° 01' E., 20.00 chs., thence,

N. 89° 56' E., 40.00 chs., thence,

N. 0° 01' W., 20.00 chs., dist. to

80.12 Point on the N. and S. line, 5 lks. S. of the cor. of
secs. 14, 15, 22, and 23.

The bearing of this mile therefore is S. 89° 54' W., and
the distance is 80.12 chs.

Thence,

S. 89° 54' W., on a true line bet. secs. 15 and 22, by
offset as follows over broken sandstone ledges through
scattering undergrowth and timber.

S. 0° 01' E., 20.00 chs., thence,

S. 89° 54' W., 40.00 chs., thence,

N. 0° 01' W., 20.00 chs. to

Chains.	
40.00	Point on true line.
40.06	On broken $\frac{1}{4}$ slope, Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">$\frac{1}{4}$ $\frac{S15}{S22}$ 1924</div>
	Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X). No other suitable accessories available and soil too sandy for pits.
59.70	Head of wash, 30 lks. wide, 4 ft. deep, drains SW.
80.12	The cor. of secs. 15, 16, 21, and 22. Land, broken by sandstone ledges with a general southwest erly exposure and drainage. Soil, sandstone surface rock and shallow sandy loam; 3rd. rate. Undergrowth, scattering blackbrush, ooze and mountain rush. Timber, scattering scrub cedar and pinon. Fair grazing.
	S. 0° 2' E., bet. secs. 21 and 22. Over rolling land through scattering undergrowth.
9.50	Base of sandstone ledge, 20 ft. high, bears NE. and SW.
15.60	Sandstone spur, 70 ft. above cor. projects NW.
27.80	Wash, 30 lks. wide, 4 ft. deep, drains S. from the NE. thence along bottom of wash.
30.50	Leave bottom of wash, drains SW. from the N.
35.50	Wash, 40 lks. wide, 4 ft. deep, drains NW.
40.00	On rolling land. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

$\frac{1}{4}$
S21 | S22
1924

From which,

A lone cedar, 4 ins. diam., bears N. 9°30' W., 227 lks.
dist., marked $\frac{1}{4}$ S21 PT.

No other suitable accessories available and soil too
sandy for pits.

48.30 Wash, 30 lks. wide, 4 ft. deep, drains W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 21, 22, 27 and 28, with brass
cap marked.

T43S | R16E
S21 | S22

S28 | S27
1924

Deposit a sandstone, 7 x 5 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

No timber.

Fair grazing.

N. 89°54' E., on random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect the N. and S. line, 16 lks. S. of the cor. of
secs. 22, 23, 26 and 27.

Thence,

Subdivision of T. 43 S., R. 16 E.

Chains

S. 89°47' W., on true line bet. secs. 22 and 27.

Over rolling land through scattering undergrowth and timber.

11.00 Wash, 30 lks. wide, 4 ft. deep, drains SW.

39.85 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S22
S27

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.70 The cor. of secs. 21, 22, 27 and 28.

Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar.

Fair grazing.

S. 0°02' E., bet. secs. 27 and 28.

Over rolling land through scattering undergrowth.

18.00 Wash, 60 lks. wide, 4 ft. deep, drains W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S28 | S27
1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.

chains

No other suitable accessories available and soil too sandy for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.

T43S	R16E
S28	S27
S33	S34

1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

N. 89°47' E., on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.66 Intersect the N. and S. line, 21 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence,

S. 89°56' W., on true line bet. secs. 27 and 34.

Over rolling sand hills through scattering undergrowth.

39.83 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S27
$\frac{1}{4}$
S34

1924

Chains

Deposit a sandstone, 6 x 6 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pist.

79.66 The cor. of secs. 27, 28, 33 and 34.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

No timber.

Fair grazing.

S. 0°02' E., bet. secs. 33 and 34.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S33 | S34
1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

79.19 Intersect the Utah-Arizona Boundary Line, N. 89°58' E.,
17.41 chs. dist. from the 216th mile post, which is
heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for closing cor. of secs. 33 and 34, with brass
cap marked.

UTAH
C | C
T43S R16E
S33 | S34
1924

ARIZ.
1924

Subdivision of T. 43 S., R. 16 E.

chains

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the township, which is described in the finished field notes of the survey of T. 42 S., R. 16 E.

S. 0°03' E., bet. secs. 4 and 5.

Over rolling sand hills through scattering undergrowth and timber.

.60 Base of sandstone ledge, bears NE. and SW.

2.50 Top of ledge, 50 ft. high, bears NE. and SW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S5 | S4

1924

From which,

A cedar, 12 ins. diam., bears S. 52°15' E., 460 lks. dist., marked $\frac{1}{4}$ S4 BT.

A cedar, 10 ins. diam., bears S. 75°30' W., 370 lks. dist., marked $\frac{1}{4}$ S5 BT.

43.80 Wash, 40 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass

Subdivision of T. 43 S., R. 16 E.

Chains

cap marked.

T43S	R16E
S5	S4
S8	S9
1924	

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar.

Fair grazing.

East, on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect the N. and S. line, 2 lks. N. of the cor. of se 3, 4, 9 and 10.

Thence,

N. 89°59' W., on true line bet. secs. 4 and 9.

Over rolling land through scattering undergrowth and timber.

39.93 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S4
$\frac{1}{4}$
S9

1924

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Subdivision of T. 43 S., R. 16 E.

Chains

79.86 The cor. of secs. 4, 5, 8 and 9.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 0°03' E., bet. secs. 8 and 9.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S8 | S9
 1924

Deposit a sandstone, 8 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

60.00 Top of sandstone rimrock, 60 ft. high, bears E. and W.

79.00 Wash, 50 lks. wide, 6 ft. deep, drains W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T43S | R16E
 S8 | S9
 S17 | S16
 1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Subdivision of T. 43 S., R. 16 E.

Chains

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 89°59' E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

West, on true line bet. secs. 9 and 16.

Over rolling land through scattering undergrowth.

39.98 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S9
 $\frac{1}{4}$
S16

1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

42.50 Wash, 30 lks. wide, 3 ft. deep, drains NW.

77.00 Wash, 30 lks. wide, 3 ft. deep, drains SW.

79.96 The cor. of secs. 8, 9, 16 and 17.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

Chains

S. 0°03' E., bet. secs. 16 and 17.

Over rolling sand hills through scattering undergrowth.

2.00 Wash, 30 lks. wide, 4 ft. deep, drains W..

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S17 | S16

1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T43S	R16E
S17	S16
S20	S21

1924

Deposit a sandstone, 4 x 3 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 16 and 21.

Over rolling

Subdivision of T1S43S4R. 16 E.

Chains

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect the N. and S. line, 7 lks. N. of the cor. of
 secs. 15, 16, 21 and 22.
 Thence,
 N. $89^{\circ}57'$ W., on true line bet. secs. 16 and 21.
 Over rolling sand hills through scattering undergrowth.
 8.00 Wash, 30 lks. wide, 4 ft. deep, drains S.
 39.95 On rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S16

S21

1924

Deposit a sandstone, 6 x 4 x 3 ins., at base of post,
 marked with a cross (X).

No other suitable accessories available and soil too
 sandy for pits.

79.90 The cor. of secs. 16, 17, 20 and 21.
 Land, rolling sand hills with a general southwesterly
 exposure and drainage.
 Soil, shallow sandy loam mixed with loose sandstone; 3rd
 rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. $0^{\circ}03'$ E., bet. secs. 20 and 21.

Over rolling sand hills through scattering undergrowth.

28.00 Road, bears NE. to Bluff, Utah and SW. to Rayenta, Arizona.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20 S21

1924

Subdivision of T. 43 S., R. 16 E.

Chains

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

58.00 Wash, 60 lks. wide, 6 ft. deep, drains SW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T43S	R16E
S20	S21
S29	S28
1924	

Deposit a sandstone, 8 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

S. 89°57' E., on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence,

S. 89°59' W., on true line bet. secs. 21 and 28.

Over rolling sand hills through scattering undergrowth.

39.99 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

S21
 $\frac{1}{4}$
 S28

1924

Deposit a sandstone, 4 x 4 x 4 ins., at base of post,
 marked with a cross (X).

No other suitable accessories available and soil too
 sandy for pits.

79.98 The cor. of secs. 20, 21, 28 and 29.

Land, rolling sand hills with a general southwesterly
 exposure and drainage.

Soil, deep sandy loam mixed with loose sandstone; 3rd
 rate.

Undergrowth, scattering blackbrush, oose and mountain
 rush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 28 and 29.

Over rolling sand hills through scattering undergrowth.

17.50 Wash, 30 lks. wide, 4 ft. deep, drains W.

22.60 Wash, 30 lks. wide, 4 ft. deep, drains W.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S29 | S28
 1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
 marked with a cross (X).

No other suitable accessories available and soil too
 sandy for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
 ground, for cor. of secs. 28, 29, 32 and 33, with
 brass cap marked.

Subdivision of T. 43 S. R. 16 E.

Chains

T43S	R16E
S29	S28
S32	S33

1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

N. 89°59' E., on random line bet. secs. 28 and 33.

40.00 Set temp. 4 sec. cor.

80.02 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence,

West, on true line bet. secs. 28 and 33.

Over rolling sand hills through scattering undergrowth.

40.01 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor., with brass cap marked.

S28
$\frac{1}{4}$
S33

1924

Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

80.02 The cor. of secs. 28, 29, 32 and 33.

Land, rolling sand hills with a general westerly exposure and drainage.

Chains

bricks

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 32 and 33.

Over rolling sand hills through scattering undergrowth.

13.10 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S32 | S33
 1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

53.20 Wash, 30 lks. wide, 4 ft. deep, drains NW,

68.20 Wash, 40 lks. wide, 5 ft. deep, drains NW.

79.28 Intersect the Utah-Arizona Boundary Line, N. 89°58' E., 17.54 chs. of the 215th mile post, which is described in these notes.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 32 and 33, with brass cap marked.

UTAH
 C C
 T43S | R16E

ARIZ.

1924.

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.


No timber.

Fair grazing.

From the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the township, which is described in the finished field notes of the survey of T. 42 S., R. 16 E. S. 0°03' E., bet. secs. 5 and 6.

Over rolling sand hills through scattering undergrowth.

On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

 S6 | S5
 1924

From which,

A lone, cedar, 3 ins. diam., bears N. 4°30' W., 331 lks. dist., marked ET.

42.00 Low ridge, 20 ft. high, bears E. and W.

70.00 Bottom of draw, 20 ft. deep, drains W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.

T43S	R16E
S6	S5
S7	S8

 1924

Subdivision of T. 43 S., R. 16 E.

Chains

Deposit a sandstone, 6 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, deep sandy loam mixed with loose sandstone; 3rd rate

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

East, on random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the cor. of secs. 4, 5, 8 and 9.

Thence,

West, on true line bet. secs. 5 and 8.

Over rolling sand hills through scattering undergrowth.

40.01 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S5 \\ \frac{1}{4} \\ \hline S8 \end{array}$$

1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

80.02 The cor. of secs. 5, 6, 7 and 8.

Land, rolling sand hills with a general westerly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone, 3rd
rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber. Fair grazing.

Subdivision of T. 43 S., R. 16 E.

Chains

West, on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.38 Intersect the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the township, heretofore described.

Thence,

East, on true line bet. secs. 6 and 7.

Over rolling sand hills through scattering undergrowth.

38.38 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6
 $\frac{1}{4}$ →
S7

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

78.38 The cor. of secs. 5, 6, 7 and 8.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 7 and 8.

Over rolling sand hills through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S7 | S8

1924

Subdivision of T. 43 S., R. 16 E.

Chains

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

45.00 Small outcropping of sandstone, 10 ft. high, bears E. and W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

T43S	R16E
S7	S8
S18	S17
1924	

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northerly and southerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 8 and 17.

40.00 Set temp. sec. cor.

79.86 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence,

West, on true line bet. secs. 8 and 17.

Over rolling sand hills through scattering undergrowth.

20.00 Small outcropping of sandstone, bears 3.00 chs. W.

39.93 On rolling land.

Subdivision of T. 43 S., R. 16 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S8}{S17}$

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

78.86 The cor. of secs. 7, 8, 17 and 18.

Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

West, on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.58 Intersect the W. bdy. of the township, 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is heretofore described.

Thence,

S. 89°57' E., on true line bet. secs. 7 and 18.

Over rolling sand hills through scattering undergrowth.

38.58 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S7}{S18}$

1924

Deposit a sandstone, 4 x 3 x 3 ins., at base of post, marked with a cross (X).

Subdivision of T. 43 S., R. 16 E.,

Chains

No other suitable accessories available and soil too sandy for pits.

78.58 The cor. of secs. 7, 8, 17 and 18.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 17 and 18.

Over rolling sand hills through scattering undergrowth.

17.00 Wash, 30 lks. wide, 4 ft. deep, drains SW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S18 | S17

1924

Deposit a sandstone, 8 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

55.00 Wash, 40 lks. wide, 5 ft. deep, drains SW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T43S | R16E
S18 | S17

S19 | S20

1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with cross (X).

Subdivision of T. 43 S., R. 16 E.

Chains

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing..

East, on random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

N. 89°58' W., on true line bet. secs. 17 and 20.

Over rolling sand hills through scattering undergrowth.

39.99 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S17 \\ \frac{1}{4} \\ \hline S20 \end{array}$$

1924

Deposit a sandstone, 7 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.98 The cor. of secs. 17, 18, 19 and 20.

Land, rolling sand hills with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber. Fair grazing.

Subdivision of T. 43 S., R. 16 E.

Chains	N. 89°57' W., on random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.62	Intersect the W. bdy. of the township, 12 lks. N. of the cor. of secs. 13, 18, 19 and 24.
	Thence,
	N. 89°58' E., on true line bet. secs. 18 and 19.
	Over rolling sand hills through scattering undergrowth.
18.60	Wash, 40 lks. wide, 4 ft. deep, drains NW.
38.62	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S18 \\ \frac{1}{4} \\ \hline S19 \\ 1924 \end{array}$
	Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).
	No other suitable accessories available and soil too sandy for pits.
45.60	Same wash as last, drains SW.
78.62	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling sand hills with a general westerly exposure and drainage.
	Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
	Undergrowth, scattering blackbrush, oose and mountain rush.
	No timber.
	Fair grazing.
	S. 0°03' E., bet. secs. 19 and 20.
	Over rolling sand hills through scattering undergrowth.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 43 S., R. 16 E.

Chains

$\frac{1}{4}$
 S19 | S20
 1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post, marked with a cross (X) ..

No other suitable accessories available and soil too sandy for pits.

76.80 Wash, 40 lks. wide, 5 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.

T43S	R16E
S19	S20
S30	S29

 1924

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 89°58' E., on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the N. of and S. line, 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence,

N. 89°57' W., on true line bet. secs. 20 and 29.

Subdivision of T. 43 S., R. 18 E.

Chains

201210

Over rolling sand hills through scattering undergrowth.

11.00 Road, bears NE. to Bluff, Utah and SW. to Kayenta, Arizona

39.95 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20
 $\frac{1}{4}$
S29

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

79.92 The cor. of secs. 19, 20, 29 and 30.

Land, rolling sand hills with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

S. 89°58' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.78 Intersect the W. bdy. of the township, 19 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is heretofore described.

Thence,

S. 89°54' E., on true line bet. secs. 19 and 30.

Over rolling sand hills through scattering undergrowth.

38.78 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S19
 $\frac{1}{4}$
S30

1924

Subdivision of T. 43 S., R. 16 E.

Chains

Deposit a sandstone, 7 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

47.20 Wash, 40 lks. wide, 5 ft. deep, drains NW. from the E.; thence along bottom of wash.

68.80 Leave bottom of wash, drains W. from the SE.

79.78 The cor. of secs. 19, 20, 29 and 30.

Land, rolling sand hills with a general west-ly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, goose and mountain rush.

No timber.

Fair grazing.

C. 0°07' E., bet. secs. 29 and 30.

Over rolling land through scattering undergrowth.

18.00 Wash, 50 lks. wide, 6 ft. deep, drains SW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

S30 | S29

1924

Deposit a sandstone, 6 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

74.00 Wash, 40 lks. wide, 5 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

Subdivision of T. 43 S., R. 16 E.

Chains

T43S R16E
S30 S19

S31 S32

1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

S. 89°57' E., on random line bet. secs. 29 and 32.

40.00 Set temp. & sec. cor.

79.86 Intersect the N. and S. line, 21 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

S. 89°54' W., on true line bet. secs. 29 and 32.

Over rolling sand hills through scattering undergrowth.

32.60 Road, bears NE. to Bluff, Utah and SW. to Kayenta, Arizona.

39.93 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S29
 $\frac{1}{4}$
S32

1924

Deposit a sandstone, 7 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

Subdivision of T. 43 S., R. 16 E.

Chains

70.00 Wash, 50 lks. wide, 5 ft. deep, drains NW.

79.86 The cor. of secs. 29, 30, 31 and 32.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

N. 89°54' W., on random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.88 Intersect the W. bdy. of the township, 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is heretofore described.

Thence,

S. 89°56' E., on true line bet. secs. 30 and 31.

Over rolling sand hills through scattering undergrowth.

38.88 In bottom of small wash, 20 lks. wide, 1 ft. deep, drains N.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S30
 $\frac{1}{4}$ —————
S31

1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too sandy for pits.

78.88 The cor. of secs. 29, 30, 31 and 32.

Land, rolling sand hills with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Subdivision of T, 43 S., R. 16 E.

Chains

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 31 and 32.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S31 | S32
1924

Deposit a sandstone, 7 x 6 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

79.21 Intersect the Utah-Arizona Boundary Line, N. 89°56' E.,
17.91 chs. dist. from the 214th mile post, which is
heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for closing cor. of secs. 31 and 32, with brass
cap marked.

UTAH
C | C
T43S | R16E
S31 | S32

ARIZ.
1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
sandy for pits.

Land, rolling sand hills with a general northwesterly
exposure and drainage.

Soil, deep sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.
No timber. Fair grazing.

Closing Errors In T. 43 S., R. 16 E.

Lines designated	True bearings.	Dist-ances.	Latitudes.		Departures.	
			N.	S.	E.	W.
E. Bdy. T43S R16E	North	478.65	478.65	.....	.....	.....
N. Bdy. T43S R16E	West	478.24	.....	.....	.....	478.24
W. Bdy. T43S R16E	South	479.41	.....	479.41	.....	.....
Ut.- Ariz, Bdy.	N.89°54'E.	61.17	.11	.....	61.17	.....
	N.89°56'E.	80.04	.09	.....	80.04	.....
	N.89°58'E.	320.03	.19	.....	320.03	.....
	N.89°55'E.	17.11	.02	.....	17.11	.....
Convergency	West	.55	.....	.....	.....	.55
			479.06	479.41	478.35	478.79
			479.06		478.35	
Errors In Latitudes And Departures			0.35		0.44	

General Description of T. 43 S., R. 16 E.

The west portion of this township consists of a rolling bench land, broken in places by outcroppings of sandstone ledges from 20 to 40 ft. high. The east portion is broken by high sandstone buttes with high perpendicular walls which are inaccessible.

The township in general has a westerly exposure and drainage, and is drained by shallow washes and draws, some of them terminating before they reach the main drains of the township.

The soil consist of a shallow sandy loam mixed with loose sandstone which is underlaid with solid sandstone, and in many places nothing but sandstone surfacerock is found.

The only timber found was a scattering growth of scrub cedar and pinon which was found mostly in the east portion and which has no commerical value except for fire wood and fencing.

A scattering undergrowth of blackbrush, oose, mountain rush and native grasses was found throughout the township, which affords fair grazing for stock.

No portion of the township is suitable for farming.

A dim road from Bluff, Utah, enters the township on the east boundary of section 1, and bears in a southwesterly direction to Kayenta, Arizona, In some places, no trace

General Description of T. 43 N., R. 10 E.

of this road could be found. A dirt road from the Bluff and Haystack road, bears in a northwesterly direction through sections 1 and 2, to Moonlight, Utah.

The only water in the township is a small spring of good clear water located in the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of section 23.

The only improvement found in the township was a small stone house located in the SW. $\frac{1}{4}$ of section 23.

No settlers were on the township at the time of the survey, and no indication of mineral was found.

The township is suitable for grazing stock during the winter months as there is not sufficient water in the township to graze it during the summer months.

The magnetic declination was not taken on account of a defective needle.

BOOK A-475

4-680

FIELD ASSISTANTS.

NAMES.

CAPACITY.

Sidney R. Reese	1st Chainman
Pyror Wurtsbough	1st Chainman
Elliot Tuttle	2nd Chainman
Leslie Allan	2nd Chainman
Chas. Sleeper	Flagman
Robert Resiegh	Flagman
Max Brown	Cornerman
Cleveland Hunter	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.

TRANSITMEN

~~I, We,~~ Chas. F. Moore, and Willis W. Bandy ^{Transitmen} U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 19th day of September, 1923, ^{we} have well, faithfully, and truly in ~~my~~ ^{our} own proper person^s, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the west boundary and subdivision of T. 43 S., R. 16 E., and resurvey of the Utah-Arizona Boundary Line, from the 213th mile post to the 219th mile post

_____ of the Salt Lake Base And _____ Meridian, in the State of Utah, which are represented in and date diagram the foregoing field notes as having been executed by me, and under my directions ^{us} ^{our} and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Bluff, Utah.
8-1424
 Salt Lake City, Utah.
 November 20, 1924.

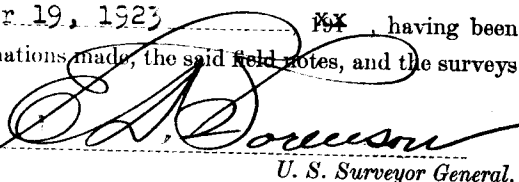
Chas. F. Moore
Willis W. Bandy
 U. S. Surveyor
 U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
 Salt Lake City, Utah
 March 23, 1925

The foregoing field notes of the survey of West Boundary and Subdivision of T. 43 S. R. 16 E., and Resurvey of the Utah-Arizona Boundary line from the 213th Mile Post to the 219th Mile Post, of the Salt Lake Base and Meridian

executed by Chas. F. Moore and Willis W. Bandy, U.S. Transitmen under ~~his~~ special instructions dated September 19, 1923 ~~has~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


 U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

Blank

Page

Blank

Page

Feb. 13, 1925

4-679

BOOK A-475

A

FIELD NOTES

OF THE SURVEY OF THE

NORTH, SOUTH AND WEST BOUNDARIES

AND

SUBDIVISION OF

T. 42 S., R. 15 E.

Of the SALT LAKE BASE AND Meridian,

in the State of UTAH

EXECUTED BY

CHAS. F. MOORE

AND

WILLIS W. BANDY

in the capacity of U. S. Surveyor S., under instructions dated September 19, 1923

issued by the United States Surveyor General to govern surveys included in

group No. 151, which were approved by the Commissioner of the General Land

Office, September 28, 1923; ~~1924~~ and assignment instructions dated

December 4, 1923 and April 10, 1924

Survey commenced April 18, 1924, ~~1923~~

Survey completed April 29, 1924, ~~1923~~

INDEX DIAGRAM.

Township		42 South		Range 15 East			
8	7	6	5	4	3		
21	68	56	48	40	31		
	67	67	55	47	39		30
20	66	54	47	38	29		
	65	64	54	46	37		28
19	63	53	45	36	27		
	63	62	53	44	36		26
18	61	52	44	35	25		
	61	60	51	43	34		25
18	59	50	42	33	24		
	58	58	50	42	32		23
17	57	49	41	32	22		
	16	15	14	13	12		11

Date Diagram
T. 42 S., R. 15 E.

	4-26-24	4-26-24	4-24-24	4-24-24	4-24-24	4-24-24
4-26-24	6 4-29-24	5 4-28-24	4 4-28-24	3 4-28-24	2 4-24-24	1 4-24-24
4-26-24	7 4-29-24	8 4-29-24	9 4-26-24	10 4-24-24	11 4-23-24	12 4-23-24
4-26-24	18 4-28-24	17 4-26-24	16 4-23-24	15 4-22-24	14 4-23-24	13 4-22-24
4-26-24	19 4-26-24	20 4-23-24	21 4-22-24	22 4-21-24	23 4-19-24	24 4-18-24
4-26-24	30 4-23-24	29 4-22-24	28 4-21-24	27 4-19-24	26 4-18-24	25 4-18-24
4-23-24	31 4-23-24	32 4-22-24	33 4-21-24	34 4-19-24	35 4-18-24	36 4-18-24

Lines dated and colored with red ink were surveyed by
Chas. F. Moore, U. S. surveyor.

Lines dated and colored with black ink were surveyed by
Willis W. Bandy, U. S. surveyor.

INSTRUMENTAL EQUIPMENT

Survey commenced April 18, 1924 and executed with Buff and Buff transit No. 9220 used by Chas F. Moore, U. S. surveyor and Young and Sons transit No. 8396 used by Willis W. Bandy, U. S. surveyor; both instruments are equipt with full vertical circles and Smith solar attachment and unless btherwise specified all azimuth determinations are accomplished with the solar attachments.

The instruments were approved for use in this survey by the Assistant Supervisor of Surveys for Utah in assignment instructions dated December 4, 1923 and April 10, 1924.

TEST OF INSTRUMENTS

For preliminary and final tests of instruments see survey of T.43 S., R.15 E., this group.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances,

METHOD AND ORDER OF PROCEDURE

The north boundary is established by projecting a line west from the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E. a distance of 5 miles 77 chs. and 82 lks. where the cor. of Tps. 41 and 42 S., Rs. 14 and 15 E. is established. An allowance of 2.18 chs. is made for convergency. The cor. of Tps. 42 and 43 S., Rs. 14 and 15 E. is established at the intersection of a line run west from

North Boundary of T.42 S., R.15 E.

Chains

the cor. of Tps. 42 and 43 S., Rs. 15 and 16 E., with one run south from the cor. of Tps. 41 and 42 S., Rs. 14 and 15 E.; fractional distance of the south boundary is placed in the western half mile and that of the west boundary in the northern half mile.

The township is subdivided regularly from south to north and from East to West.

The east boundary has been established under Group 150, Utah.

NORTH BOUNDARY OF T.42 S., R.15 E.

From the cor. of Tps. 41 and 42 S., Rs. 15 and 16 E., established by me and described in the field notes of the survey of T.41 S., R.16 E., Group 150, Utah.

West, bet. secs. 1 and 36.

Over rolling bench land through scattering scrub timber and short undergrowth.

25.00 Enter sandstone outcroppings, bears N. and S.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S36}{S1} = 1924$$

from which

A cedar, 4 ins.diam., bears N.21°E., 180 lks.

dist., marked BT

A cedar, 4 ins.diam., bears S.22 $\frac{1}{2}$ °W., 238 lks.

dist., marked BT

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in

Chains

the ground for cor. of secs. 1, 2, 33 and 35, with brass cap marked.

Th12	R15E
835	836
S2	S1
Th28	
1924	

from which

Scrub cedar, 4 ins.diam., bears S.22°E., 57 lks.
dist., marked BT

Scrub cedar, 8 ins.diam., bears S.52½°W., 173 lks.
dist., marked BT

Scrub cedar, 4 ins.diam., bears N.67½°W., 55 lks.
dist., marked BT

Land, rolling bench; general NW. exposure and drainage.
Soil, loose sand and rock of sandstone formation; 3rd.
rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

Rest, bet. secs. 2 and 35.

Over broken bench land through scattering timber and
short undergrowth.

20.85 Small ledge, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in
the ground on solid rock and 18 ins. in a mound of
stone for ¼ sec. cor., with brass cap marked

835
S2
1924

from which

A cedar, 4 ins.diam., bears N.8½°E., 131 lks.
dist., marked ¼ S 35 B T

A cedar, 4 ins.diam., bears S.25½°E., 51 lks.
dist., marked ¼ S 2 B T

56.65 Low ledge, bears N. and S.

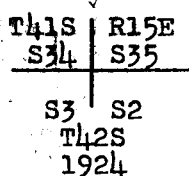
80.00 On surface rock, mark a cross (X) at exact cor. point.

North Boundary of T.42 S., R.15 E.

Chains

over which

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 2, 3, 34 and 35, with brass cap marked



from which

A cedar, 12 ins.diam., bears N.11°E., 209 lks.

dist., marked T. 41 S. R 15 E S 35 B T

A cedar, 12 ins.diam., bears N.13°W., 239 lks.

dist., marked T 41 S R 15 E S 34 B T

Land, broken bench; general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

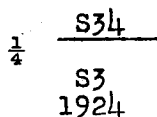
poor grazing.

West, bet. secs. 3 and 34.

Over rolling and broken bench land through scattering scrub timber and short undergrowth.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 4 ins.diam., bears N.86 $\frac{1}{4}$ °E., 81 lks.

dist., marked $\frac{1}{4}$ S 34 B T

A cedar, 6 ins.diam., bears S.24°W., 232 lks.

dist., marked $\frac{1}{4}$ S 3 B T

72.00 Head of a small canyon, drains SW.

80.00 On surface rock, mark a cross (X) at exact cor. point,

North Boundary of T.42 S., R.15 E.

Chains

over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T41S	R15E
S33	S34
S4	S3
T42S	
1924	

from which

Sandstone outcropping, marked X B0, bears N.30°W., 5½ lks.. distant.

A. cedar, 4 ins.. diam., bears S.84½°W., 147 lks. dist., marked T. 42 S R 15 E S 4 B T

Land, broken bench; general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

West, bet. secs. 4 and 33.

Over broken bench land through scattering scrub timber and short undergrowth.

23.70 Top of ledge and rim of wide draw or small valley, bears NW and SE.

40.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

¼	S33
	S4
	1924

from which

Scrub cedar, 10 ins.diam., bears N.12°E., 255 lks. dist., marked BT.

Scrub cedar, 8 ins.diam., bears S.76°W., 332 lks..

dist., marked BT

North Boundary of T.42 S., R.15 E.

Corners

- 59.10 Wash, drains NW.
 70.80 W. rim of valley, bears NW. and SE.
 80.00 On surface rock, mark a cross (X) at exact cor. point,
 over which,
 Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in
 a large mound of stone for cor. of secs. 4, 5, 32 and 33,
 with brass cap marked

T41S	R15E
S32	S33
S5	S4
T42S	
1924	

from which

Scrub cedar, 8 ins.diam., bears N.15 $\frac{3}{4}$ °E., 171 lks.

dist., marked BT

Scrub cedar, 6 ins.diam., bears S.26 $\frac{3}{4}$ °E., 285 lks.

dist., marked BT

Scrub cedar, 4 ins.diam., bears S.20 $\frac{1}{2}$ °W., 212 lks.

dist., marked BT.

Scrub cedar, 4 ins.diam., bears N.13 $\frac{1}{2}$ °W., 119 lks.

dist., marked BT.

Land, rolling and broken bench land; general NW. exposure
 and drainage.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, bet. secs. 5 and 32.

Over bench land broken by sandstone outcroppings, through
 scattering scrub cedar and pinon timber and short under-
 growth.

10.50 East edge of a small sandstone knoll, bears NW. and SE.

16.50 West edge of knoll, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in
 the ground on solid rock and 24 ins. in a large mound
 of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

North Boundary of T.42 S., R.15 E.

Chains

$\frac{1}{4}$ S32
S5
1924

from which

A cedar, 4 ins.diam., bears S.15°W., 118 lks.

dist., marked BT

A cedar, 4 ins.diam., bears N.67½°W., 102 lks.

dist., marked BT

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T41S R15E
S31 S32
S6 S5
T42S
1924

from which

Scrub cedar, 6 ins.diam., bears N.68½°E., 133 lks.

dist., marked BT.

Scrub cedar, 8 ins.diam., bears S.24°E., 98 lks.

dist., marked BT.

Scrub cedar, 4 ins.diam., bears S.53½°W., 103 lks.

dist., marked BT

Scrub cedar, 4 ins.diam., bears N.62½°W., 22 lks.

dist., marked BT

Land, broken bench; general NW. exposure and drainage.

Soil, rocky and shallow, loose sand; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, bet. secs. 6 and 31.

Over broken bench land through scattering scrub timber and short undergrowth.

39.72 Point for ¼ sec. cor. will fall on large boulder where

cor. cannot be set, therefore, at this point,

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in

North boundary of T.42 S., R.15 E.

Chains

the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{WC}\frac{1}{4} \quad \frac{\text{S31}}{\text{S6}} \\ 1924 \end{array}$$

from which

Sandstone outcropping, marked X S31 B0, bears N.30°W., 4 lks. distant.

Sandstone outcropping, marked X B0 S6, bears S.10°W., 9 lks. distant.

40.00 Point for $\frac{1}{4}$ sec. cor. falls on large boulder; unable to establish cor. at this point.

43.10 Top of ledge and E. rim of Moonlight Wash, bears NW. and SE.; descend.

50.10 Bottom of Moonlight Wash, 2 chs. wide, 75 ft. below rim, drains NW.; ascend.

54.00 Top of ledge and W. rim of Moonlight Wash, 100 ft. above bottom, bears NW. and SE.

77.82 Allowing for convergency.

On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 3 ins. in dia., 30 ins. in a large mound of stone for cor. of Tps. 41 and 42 S., Rs. 14 and 15 E., with brass cap marked

$$\begin{array}{ccc} & \text{T41S} & \\ \text{B36} & | & \text{S31} \\ \text{R14E} & \frac{\text{S1}}{\text{S6}} & \text{R15E} \\ & \text{T42S} & \\ & 1924 & \end{array}$$

from which

Scrub cedar, 6 ins.diam., bears N.30 $\frac{1}{2}$ °E., 292 lks. dist., marked BT

Scrub cedar, 8 ins.diam., bears S.71 $\frac{3}{4}$ °E., 350 lks. dist., marked BT

Chains

211380

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

SOUTH BOUNDARY OF T.42 S., R.15 E.

Random lines.

I begin at the cor. of Tps. 42 and 43 S., Rs. 15 and 16 E., which is an iron post, 3 ins. in dia., established by me under Group 150, Utah, and described in the field notes of the survey of T.42 S., R.16 E.

Thence

West, on a random line along the S. bdy. of T.42 S., R.16 E., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs., and, at

478.37 (Computed) Set temp. cor. of Tps. 42 and 43 S., Rs. 14 and 15 E.

From the temp. cor. of Tps. 42 and 43 S., Rs. 14 and 15. just established,

North, on a random line along W. bdy. of T.42 S., R.15 E., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs., and, at

479.92 Fall 5 lks. E. of the cor. of Tps. 41 and 42 S., Rs. 14 and 15 E., heretofore described.

South Boundary of T.42 S., R.15 E.

Chains

The distance of the south boundary of T.42 S., R.15 E. therefore is 478.42 chs. and that of the west boundary is 479.92 chs.

True lines.

Thence

From the cor. of Tps. 42 and 43 S., Rs. 15 and 16 E.

West, bet. secs. 1 and 36.

Over rolling bench land through scattering scrub timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S36

$\frac{1}{4}$

S1
1924

from which

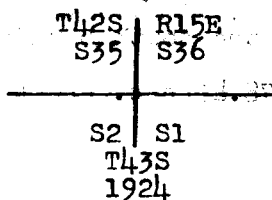
Scrub cedar, 8 ins.diam., bears N.10 $\frac{1}{2}$ °E., 197 lks.
dist., marked BT

Scrub cedar, 8 ins.diam., bears S.39 $\frac{1}{2}$ °E., 105 lks.
dist., marked BT

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap marked

Chains

amianO



from which

Scrub cedar, 8 ins.diam., bears N.8°E., 350 lks.
dist., marked BT

Scrub cedar, 4 ins.diam., bears S.77°E., 83 lks.
dist., marked BT

Scrub cedar, 8 ins.diam., bears S.74½°W., 202 lks.
dist., marked BT

Scrub cedar, 4 ins.diam., bears N.71°W., 163 lks.
dist., marked BT

This cor. stands 45 ft. below ¼ sec. cor.

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, loose, shallow sand and sandstone rock; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, bet. secs. 2 and 35.

Over rolling and broken bench land through short undergrowth.

5.00 Spur, projects SW.; descend broken W. slope 125 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for ¼ sec. cor., with brass cap marked

S 35
S2
1924

Deposit a stone, 6x5x4 ins., marked with across (X) on one face at base of monument.

South Boundary of T.42 S., R.15 E.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 2,3,34 and 35, with brass cap marked

T42S	R15E
S34	S35
S3	S2
T43S	
1924	

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general SW. drainage and W. exposure.

Soil, sandy loam and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

West, bet. secs. 3 and 34.

Over rolling bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S34
S3	
1924	

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 3,4,33 and 34, with brass cap marked

T42S	R15E
S33	S34
S4	S3
T43S	
1924	

Impracticable to build accessories to cor.

Cor. stands at base of Train Monument, bears NE. and SW.

Land, rolling bench; general NW. exposure and drainage.

South Boundary of T.42 S., R.15 E.

Chains

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

West, bet. secs. 4 and 33.

The line west crosses high ledges and breaks of Train Monument, over which I cannot chain; to determine the distance to top I triangulate as follows:

Set flag "A" on line west, then

cor. of secs. 3, 4, 33 and 34,

measure base line north, 10.00 chs.

distant, to point whence flag "A"

bears S.66°31'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 23.02 chs.

23.02 Top of Train Monument, 500 ft. above sec. cor., bears N. and S.

The line west descends precipitous slopes and high ledges over which I cannot chain; to determine the distance to a point west, I triangulate as follows:

Set flag "A" on line west and erect

flag "B" at this point; then, from

flag "A" measure base line North,

10.00 chs. distant to point whence

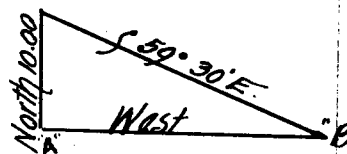
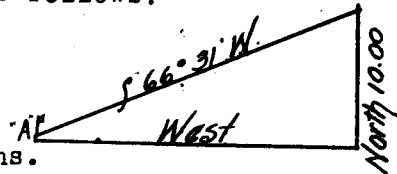
flag "B" bears S.59°30'E. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 16.98 chs.

Distance on line to flag B = 23.02 chs.

Distance on line to flag "A" = 40.00 chs.

40.00 On N. slope of draw, 600 ft. below top of Train Monument.



Station

at .and

again

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S33}{S4}$
1924

Note: East about 10.00 chs. distant from this cor. is a ledge wall encircling Train Monument; ledge about 300 ft. high.

Continue descent over broken slopes to

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 4, 5, 32 and 33, with brass cap marked

$\frac{T42S}{S32}$ | $\frac{R15E}{S33}$
S5 | S4
T43S
1924

Deposit a stone, 6x5x3 ins., marked with a cross (X) on one face at base of monument.

Land, rough mountainous; E. and W. exposure and drainage from Train Monument.

Soil, sandstone rock and shallow sand; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

West, bet. secs. 5 and 32.

Over rolling bench land through short undergrowth.

17.30

Draw, drains SW.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S32}{S5}$
1924

Deposit a stone, 8x4x3 ins., marked with a cross (X) on one face at base of monument.

50.00

Shallow draw, drains SW.

67.70

Shallow draw, drains NW.

Chains

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T42S	R15E
S31	S32
S6	S5
T43S	
1924	

Deposit a stone, 7x4x2 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

West, bet. secs. 6 and 31.

Over rolling bench land through short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S31.
S6	
1924	

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

78.42

Set an iron post, 3 ft. long, 3 ins. in dia., 28 ins. in the ground for cor. of Tps. 42 and 43 S., Rs. 14 and 15 E., with brass cap marked

T42S	
S36	S31
R14E	R15E
S1	S6
T43S	
1924	

from which

A cottonwood, 14 ins. diam., bears N. 68 $\frac{1}{2}$ ° W., 1080 lks. dist., marked T 42 S R 14 E S 36 B T

No other trees or objects available.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

.E 11. West boundary of T.42 S., R.15 E.

Chains

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

WEST BOUNDARY OF T. 42 S., R.15 E.

From the cor.. of Tps. 42 and 43 S., Rs. 14 and 15 E. North, bet. secs. 31 and 36.

Over rolling bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S36	|	S31
1924		

Deposit a stone, 5x4x2 ins., marked with a cross (X) on one face at base of monument..

41.70 Right bank of Moonlight Wash, bears NE. and SW.; thence over land subject to overflow.

50.00 Road, bears NE. to Bluff and SW. to Moonlight, Utah. Main bottom of Moonlight Wash, drains NE.

66.60 Left bank of Moonlight Wash, bears NE. and SW.; leave land subject to overflow.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T42S	
R14E	R15E
S25	S30
S36	S31
1924	

Deposit a stone, 6x3x3 ins., marked with a cross (X) on one face at base of monument..

Land, rolling bench; general N. exposure and drainage.

Soil, sandy loam and rocky; 3rd. rate.

No timber.

Undergrowth, black brush and sand grass.

Fair grazing.

West boundary of T.42 S., R.15 E.

Chains

North, bet. secs. 25 and 30.

Over rolling bench land through short undergrowth.

17.20 Road, bears E. to Bluff, Utah and W. to Organ Rock Oil Camp.

35.00 Water hole, on right bank of Moonlight Wash, bears E. about 15.00 chs. distant.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S25 | S30
 1924

Deposit a stone, 6x4x3 ins., marked with a cross (X) on one face at base of monument.

62.90 Shallow draw, drains E.

70.00 Small rim ledge, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1924, 25 and 30, with brass cap marked

T42S
 R14E | R15E
 S24 | S19
 S25 | S30
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains E.

Soil, sandy loam and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 19 and 24.

Over rolling bench land through very scattering scrub timber and short undergrowth.

8.10 Shallow draw, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S24 | S19
 1924

from which

A cedar, 8 ins.diam., bears N.5°E., 471 lks.
dist., marked $\frac{1}{4}$ S 19 B T

No other trees available; other accessories impracticable.
Shallow draw, drains NE.

41.95

71.40

Old road, bears NW. and SE.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor.. of secs. 13, 18, 19 and 24, with brass cap marked.

T42S
 R14E | R15E
 S13 | S18
 S24 | S19
 1924

Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains E.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 13 and 18.

Over rolling bench land through scattering scrub timber and short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S13 | S18
 1924

from which

A cedar, 4 ins.diam., bears S.20 $\frac{1}{4}$ °E., 300 lks.
dist., marked $\frac{1}{4}$ S 18 B T

West boundary of T.42 S., R.15 E.

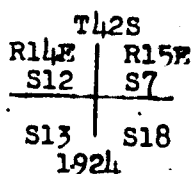
Chains

A cedar, 10 ins.diam., bears S.32°W., 176 lks.
dist., marked $\frac{1}{4}$ S 13 B T

59.60 Shallow draw, drains NE.

65.50 Shallow draw, drains NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 7, 12, 13 and 18, with brass cap marked



Deposit a stone, 7x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains E.

Soil, sandy loam and sandstone rock; 3rd. rate.

Timber, very scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

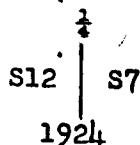
Fair grazing.

North, bet. secs. 7 and 12.

Over rolling bench land through scattering scrub timber and short undergrowth.

35.00 The south end of a small sand knoll which bears NE. and SW., bears E. about 5 chs. distant.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 8 ins.diam., bears S.58 $\frac{1}{2}$ °E., 154 lks.
dist., marked $\frac{1}{4}$ S 7 B T

A cedar, 10 ins.diam., bears S.53°W., 256 lks.
dist., marked $\frac{1}{4}$ S 12 B T

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1, 6, 7 and 12, with brass

West boundary of T.42 S., R.15 E.

Chains

cap marked

T42S	
R14E	R15E
S1	S6
S12	S7
1924	

from which

Scrub cedar, 8 ins.diam., bears S. $22\frac{1}{2}^{\circ}$ E., 549 lks.
dist., marked BT

Scrub cedar, 6 ins.diam., bears S. $22\frac{1}{2}^{\circ}$ W., 122 lks.
dist., marked BT

Scrub cedar, 6 ins.diam., bears N. $78\frac{1}{2}^{\circ}$ W., 293 lks.
dist., marked BT

No other trees available. or accessories practicable.

Land, rolling bench; drains E.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

North, bet. secs. 1 and 6.

Over rolling bench land through scattering scrub timber and short undergrowth.

15.30 Shallow draw, drains NE..

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S1	S6
1924	

from which

Scrub cedar, 6 ins.diam., bears S. $76\frac{1}{2}^{\circ}$ E., 103 lks.
dist., marked BT

Scrub cedar, 4 ins.diam., bears S. $61\frac{1}{2}^{\circ}$ W., 60 lks.
dist., marked BT

79.92 The cor. of tps. 41 and 42 S., Rs. 14 and 15 E. heretofore described.

Subdivision of T.42 S., R.16 E.

Chains

Land, rolling bench; general NE. exposure and drainage.
Soil, sandy loam and sandstone rock; 3rd. rate.
Timber, a few scattering scrub cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

SUBDIVISION OF T.42 S., R.15 E.

From the cor. of secs. 12, 35 and 36 on the S. bdy. of
the Tp. heretofore described...

N.0°01'W., bet. secs. 35 and 36.

Over rolling bench land through scattering scrub timber
and short undergrowth.

3.00 Small ledge, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for sec. cor., with brass cap marked

$\frac{1}{4}$
 S35 | S36
 1924

from which

A cedar, 4 ins.diam., bears S.30°E., 148 lks.
dist., marked $\frac{1}{4}$ S 36 B T

A cedar, 4 ins.diam., bears N.74°W., 95 lks.
dist., marked $\frac{1}{4}$ S 35 B T

Cor. stands 45 ft. above sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground for cor. of secs. 25, 26, 35 and 36, with
brass cap marked

T42S | R15E
 S26 | S25
 S35 | S36
 1924

from which

A cedar, 10 ins.diam., bears N.54°E., 596 lks.
dist., marked T 42 S R 15 E S 25 B T

No other trees or objects available.

Raise a mound of stone, 2 ft. base, 1½ ft. high; W. of cor.
Land, rolling bench; general NW. exposure and drainage.
Soil, sandy and sandstone rock; 3rd. rate.
Timber, a few scattering scrub cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect the E. bdy. of the Tp. at the cor. of secs.
25, 30, 31 and 36 which is an iron post, 2 ins. in dia.,
firmly set, and marked and witnessed as described in
the field notes of the survey of T.42 S., R.16 E.

Thence

West, on true line bet. secs. 25 and 36.

Over rolling and broken bench land across sandstone
outcroppings, through scattering scrub timber and
short undergrowth.

34.20 Leave sandstone outcroppings, bears NW. and SE.

36.50 Shallow draw, drains NW.

39.98 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for ¼ sec. cor., with brass cap marked

¼ $\frac{S25}{S36}$
1924

from which

A cedar, 8 ins. diam., bears S. 57½° W., 190 lks.

dist., marked ¼ S 36 B T

A cedar, 10 ins. diam., bears N. 19½° W., 123 lks.

dist., marked ¼ S 25 B T

79.96 The cor. of secs. 25, 26, 35 and 36.

Land, rolling and broken bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

Subdivision of T.42 S., R.15 E.

Chains

N.0°01'W., bet. secs. 25 and 26.

Over rolling bench land through scattering timber and short undergrowth.

21.80 Road, bears E. to Bluff and W. to Moonlite, Utah.

34.50 Bottom of wide, shallow draw, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S26 | S25
1924

from which

A cedar, 6 ins.diam., bears N.52 $\frac{1}{4}$ °E., 157 lks.
dist., marked $\frac{1}{4}$ S 25 B T

A cedar, 10 ins.diam., bears N.30 $\frac{1}{4}$ °W., 65 lks.
dist., marked $\frac{1}{4}$ S 26 B T

Cor. stands in shallow draw, drains SW.

79.00 Top of low rise, bears NW. and SE,

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T42S | R15E
S23 | S24
S26 | S25
1924

from which

A cedar, 4 ins.diam., bears N.57°E., 248 lks.
dist., marked T 42 S R 15 E S 24 B T

A cedar, 4 ins.diam., bears S.59 $\frac{3}{4}$ °W., 285 lks.
dist., marked T 42 S R 15 E S 26 B T

No other trees available.

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument,

Land, rolling bench; general W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

East, on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect E. bdy. of the Tp. 5 lks. N. of the cor. of
secs. 19, 24, 25 and 30. which is an iron post, 2 ins. in
dia., firmly set, and marked and witnessed as described
in the field notes of the survey of T.42 S., R.16 E.

Thence

N.89°58'W., on true line bet. secs. 24 and 25.

Over rolling and broken bench land, across sandstone
outcroppings and through scattering scrub timber and
short undergrowth.

14.80 Head of shallow draw, drains SW.

38.80 Rim ledge, bears NW. and SE.; leave sandstone outcroppings.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S24
S25
1924

from which

A pinon, 4 ins. diam., bears N.59 $\frac{1}{2}$ °E., 44 lks.
dist., marked $\frac{1}{4}$ S 24 B T

A pinon, 4 ins. diam., bears S.12 $\frac{1}{2}$ °E., 117 lks.
dist., marked $\frac{1}{4}$ S 25 B T

79.80 The cor. of secs. 23, 24, 25 and 26.

Land, rolling and broken bench; NW. exposure and drainage.

Soil, sandstone rock and shallow sand; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°01'W., bet. secs. 23 and 24.

Over rolling sand dunes through scattering scrub timber.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T.42 S., R.15 E.

Chains

$\frac{1}{2}$
 S23 | S24
 1924

from which

A cedar, 8 ins.diam., bears S.27°E., 468 lks.
 dist., marked $\frac{1}{2}$ S 24 B T

No other trees or objects available.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
 the ground for cor. of secs. 13, 14, 23 and 24, with brass
 cap marked

T42S | R15E
 S14 | S13
 S23 | S24
 1924

from which

A cedar, 6 ins.diam., bears N.42°E., 490 lks.
 dist., marked T 42 S R 15 E S 13 B T

A cedar, 4 ins.diam., bears S.18 $\frac{1}{2}$ °E., 76 lks.
 dist., marked T 42 S R 15 E S 24 B T

A cedar, 4 ins.diam., bears S.11 $\frac{1}{2}$ °W., 197 lks.
 dist., marked T 42 S R 15 E S 23 B T

A cedar, 5 ins.diam., bears N.4°W., 477 lks.
 dist., marked T 42 S R 15 E S 14 B T

Land, rolling bench and deep shifting sand dunes.

Soil, sandy; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°58'E., on a random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect E. bdy. of the Tp. 19 lks. N. of the cor. of
 secs. 13, 18, 19 and 24, which is an iron post, 2 ins. in
 dia., firmly set and marked and witnessed as described
 in the field notes of the survey of T.42 S., R.16 E.

Thence

N.89°50'W., on true line bet. secs. 13 and 24.

Subdivision of T. 42 S. R. 15 E.

Corners

Over rough, rocky bench land through scattering scrub timber and short undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \frac{S13}{S24} \\ 1924 \end{array}$$

from which

A cedar, 10 ins. diam., bears N. $78\frac{3}{4}^{\circ}$ E., 151 lks.

dist., marked $\frac{1}{4}$ S 13 B T

A pinon, 8 ins. diam., bears S. $22\frac{1}{2}^{\circ}$ E., 148 lks.

dist., marked $\frac{1}{4}$ S 24 B T

- 65.00 Leave rocky bench land, enter more rolling and sandy ground, bears N. and S.

- 80.00 The cor. of secs. 13, 14, 23 and 24.

Land, broken and rolling bench; drains NW.

Soil, sandstone rock and sandy; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

N. $0^{\circ}01'$ W., bet. secs. 13 and 14.

Over rolling bench land through scattering scrub timber and short undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S14 \quad | \quad S13 \\ 1924 \end{array}$$

from which

A pinon, 5 ins. diam., bears S. 57° E., 79 lks.

dist., marked $\frac{1}{4}$ S 13 B T

A cedar, 4 ins. diam., bears S. $53\frac{1}{2}^{\circ}$ W., 52 lks.

dist., marked $\frac{1}{4}$ S 14 B T

- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone

Subdivision of T.42 S., R.15 E.

Chains

for cor. of secs. 11,12,13 and 14, with brass cap marked

T42S	R15E
S11	S12
S14	S13
1924	

from which

A cedar, 6 ins.diam., bears N.67 $\frac{1}{2}$ °E., 282 lks.
dist., marked T 42 S R 15 E S 12 B T

A cedar, 4 ins.diam., bears S.79 $\frac{1}{2}$ °E., 299 lks.
dist., marked T 42 S R 15 E S 13 B T

A cedar, 4 ins.diam., bears S.54 $\frac{1}{2}$ °W., 496 lks.
dist., marked T 42 S R 15 E S 14 B T

A cedar, 4 ins.diam., bears N.84°W., 219 lks.
dist., marked T 42 S R 15 E S 11 B T

Land, rolling bench; W. exposure and drainage.

Soil, heavy, shifting sand and sandstone rock; 4th.rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°50'E., on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect E. bdy. of the Tp. 9 lks. N. of the cor. of
secs. 7,12,13 and 18, which is an iron post, 2 ins. in
dia., firmly set, and marked and witnessed as described
in the field notes of the survey of T.42 S., R.16 E.

Thence

N.89°46'W., on true line bet. secs. 12 and 13.

Over rolling and broken bench land through scattering
scrub timber and short undergrowth.

22.70 Top of ledge and brink of canyon, bears NW. and SE.; desc.

27.90 Bottom of canyon, 100 ft. below brink, drains NW.; ascend.

35.15 Top of ledge and W. brink of canyon, bears NW. and SE.;
thence across bench.

39.96 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S12
S13
1924

Subdivision of T.42 S., R.15 E.

Chains

from which

A cedar, 8 ins.diam., bears N.16 $\frac{3}{4}$ °E., 68 lks.
dist., marked $\frac{1}{2}$ S 12 B T

A cedar, 8 ins.diam., bears S.46 $\frac{1}{2}$ °W., 60 lks.
dist., marked $\frac{1}{2}$ S 13 B T

79.92 The cor. of secs. 11,12,13 and 14.

Land, rough, broken benches; NW. exposure and drainage.

Soil, sandstone rock and sandy; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°01'W., bet. secs. 11 and 12.

Over broken bench land through scattering timber and
short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S11 | S12
 1924

from which

A cedar, 4 ins.diam., bears N.50°E., 11 lks.
dist., marked $\frac{1}{2}$ S 12 B T

A cedar, 14 ins.diam., bears S.88 $\frac{1}{2}$ °W., 224 lks.
dist., marked $\frac{1}{2}$ S 11 B T

41.00 Top of ledge and S. rim of canyon, bears NW. and SE.;
descend 130 ft.

52.60 Bottom of canyon, drains NW.; ascend.

63.60 Top of ledge and N. rim of canyon, 130 ft. above bottom,
bears NW. and SE.

65.00 Low spur, projects W.

79.30 Shallow draw, drains W.

79.60 Base of ledge, bears E. and W.; ascend.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in
the ground on solid rock and 24 ins. in a mound of stone
for cor. of secs. 1,2,11 and 12, with brass cap marked

Subdivision of T.42 S., R.15 E.

Chains

T42S	R15E
S2	S1
S11	S12
1924	

from which

Sandstone outcroppings, marked X B0 S1, bears
N.30°E., 4 lks. distant.

No other objects or bearing trees available.

Cor. stands on top of ledge, bears NW. and SE.

Land, rough, broken bench; NW. exposure and drainage.

Soil, rocky and sandy, sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°46'E., on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect E. bdy. of the Tp. 2 lks. N. of the cor. of
secs. 1, 6, 7 and 12 which is an iron post, 2 ins. in
dia., firmly set, and marked and witnessed as described
in the field notes of the survey of T.42 S., R.16 E.

Thence

N.89°45'W., on true line bet. secs. 1 and 12.

Over broken bench land through short undergrowth.

3.20 Draw, drains N.; ascend.

6.20 Spur, 30 ft. above draw, projects SW.; descend.

8.80 Draw, 35 ft. below spur, drains NW.

28.80 Top of ledge and brink of draw, bears NW. and SE.; descend.

34.00 Bottom of draw, 125 ft. below ledge, drains SW.; ascend
55 ft. to

39.95 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	S1
	S12
	1924

from which

Sandstone ledge, marked X B0 S12, bears

Subdivision of T.42 S., R.15 E.

Chain

S.30°W., 6 lks. distant.

No other bearing objects available.

40.30 Top of ledge and W. brink of draw, bears NW. and SE.

69.90 Top of descent, bears NW. and SE.; descend 115 ft. to

79.90 The cor. of secs. 1,2,11 and 12.

Land, rough, broken bench; W. exposure and drainage.

Soil, rocky of sandstone formation; 4th. rate.

Timber, a few scattering scrub cedar and pinon on both sides of line.

Undergrowth, black brush and mountain rush.

Poor grazing.

N.0°01'W., on a random line bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. bdy. of the Tp. 30 lks. W. of the cor. of secs. 1,2,35 and 36 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.15 E., this group.

Thence

S.0°12'W., on true line bet. secs. 1 and 2.

Over broken rocky bench land through very scattering scrub timber and short undergrowth.

39.80 Set an iron post, 3 ft. long, 1 in. in dia.; 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1924

Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands in shallow draw; drains W.

74.00 Head of shallow draw, drains SW.; leave timber.

76.20 Descend abruptly 75 ft. to

79.80 The cor. of secs. 1,2,11 and 12.

Land, rough, broken bench; general W. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

Chains

Timber, scattering scrub cedar and pinon.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp. heretofore described.

N. 0° 01' W., bet. secs. 34 and 35.

Over rolling bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S34 | S35
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap marked

T42S | R15E
 S27 | S26
 S34 | S35
 1924

Deposit a stone, 5x5x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains NW.

Soil, sandy loam and rocky sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

East, on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line 7 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S. 89° 57' W., on true line bet. secs. 26 and 35.

over rolling bench land through short undergrowth.

Subdivision of T.42 S., R.15 E.

1000

1.00 Low rise, bears N. and S.

40.02 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S26

S35

1924

Deposit a stone 4x4x4 ins., marked with a cross (X) on one face at base of monument.

80.04 The cor. of secs. 26, 27, 34 and 35.

Land, rolling bench, drains NW.

Soil, sandy loam and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°01'W., bet. secs. 26 and 27.

Over rolling land through scattering scrub timber and short undergrowth.

14.50 Road, bears SE. to Bluff and NW. to Moonlite, Utah.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S27

S26

1924

from which

A cedar, 14 ins.diam., bears N.51 $\frac{3}{4}$ °E., 320 lks.
dist., marked $\frac{1}{4}$ S 26 B T

A cedar, 6 ins.diam., bears S.16 $\frac{1}{2}$ °W., 170 lks.
dist., marked $\frac{1}{4}$ S 27 B T

46.40 Draw, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T42S

R15E

S22

S23

S27

S26

1924

from which

Subdivision of T.42 S., R.15 E.

Chains

Scrub cedar, 6 ins.diam., bears N.21°E., 499 lks. I
dist., marked BT

Scrub cedar, 14 ins.diam., bears S.35½°E., 478 lks.
dist., marked BT

A cedar, 12 ins.diam., bears S.55°W., 432 lks.
dist., marked T 42 S R 15 E S 27 B T

A cedar, 10 ins.diam., bears N.26°W., 49 lks.
dist., marked T 42 S R 15 E S 22 B T

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.89°57'E., on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 3 lks. N. of the cor. of secs.
23, 24, 25 and 26.

Thence

S.89°58'W., on true line bet. sets. 23 and 26.

Over rolling bench land through scattering scrub timber
and short undergrowth.

40.05 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S23
S26
1924

from which

A cedar, 14 ins.diam., bears N.77½°E., 360 lks.
dist., marked $\frac{1}{4}$ S 23 B T

A cedar, 16 ins.diam., bears S.69½°W., 341 lks.
dist., marked $\frac{1}{4}$ S 26 B T

80.10 The cor. of secs. 22, 23, 26 and 27.

Land, rolling bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Subdivision of T.42 S., R.15 E.

Claim

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°01'W., bet. secs. 22 and 23..

Over rolling bench land through scattering scrub timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S22	|	S23
1924		

from which

A cedar, 10 ins. diam., bears S.61°E., 130 lks.
dist., marked $\frac{1}{4}$ S 23 B T

A cedar, 6 ins. diam., bears S.12 $\frac{1}{2}$ °W., 18 lks.
dist., marked $\frac{1}{4}$ S 22 B T

75.00 Top of low ridge, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T42S	|	R15E
S15	|	S14
S22 | S23		
1924		

from which

A cedar, 4 ins. diam., bears N.19°E., 130 lks.
dist., marked T 42 S R 15 E S 14 B T

A cedar, 4 ins. diam., bears S.79 $\frac{1}{4}$ °E., 60 lks.
dist., marked T 42 S R 15 E S 23 B T

A cedar, 4 ins. diam., bears S.46 $\frac{1}{2}$ °W., 148 lks.
dist., marked T 42 S R 15 E S 22 B T

A cedar, 4 ins. diam., bears N.76 $\frac{1}{2}$ °W., 180 lks.
dist., marked T 42 S R 15 E S 15 B T

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Subdivision of T.42 S.15 R.15 E.

Chains	
	Poor grazing.
	N.89° 58'E., on a random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 5 lks. S. of the cor. of secs. 13, 14, 23 and 24.
	Thence
	S.89°56'W., on true line bet. secs. 14 and 23.
	Over rolling bench land across shifting sand dunes, through very scattering scrub timber and short undergrowth.
20.00	Leave sand dunes, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> <u>S14</u> $\frac{1}{4}$ S23 1924 </div>
	Deposit a stone, 8x4x4 ins., marked with a cross (X) on one face at base of monument.
70.00	Top of low ridge, bears N. and S.; gradually descend 40 ft. to
80.00	The cor. of secs. 14, 15, 22 and 23.
	Land, rolling bench; W. exposure and drainage.
	Soil, heavy, deep sand and sandstone rock; 4th. rate.
	Timber, a few scattering scrub cedar and pinon.
	Undergrowth, black brush, amole and mountain rush.
	Poor grazing.
	N.0°01'W., bet. secs. 14 and 15.
	Over rolling bench land through scattering scrub timber and short undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S15 | S14 1924 </div>

Subdivision of T.42 S., R.15 E.

Chains

from which

A cedar, 4 ins.diam., bears N.42 $\frac{3}{4}$ °W., 71 lks.

dist., marked BT

No other trees available.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 10,11,14 and 15, with brass cap marked

T42S	R15E
S10	S11
S15	S14
1924	

from which

A cedar, 4 ins.diam., bears N.17 $\frac{1}{2}$ °E., 439 lks.

dist., marked BT

No other trees or objects available.

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, very scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.89°56'E., on a random line bet. secs. 11 and 14.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.18

Intersect N. and S. line 7 lks. N. of the cor. of secs. 11,12,13 and 14.

Thence

S.89°59'W., on true line bet. secs. 11 and 14.

Over broken bench land through scattering scrub timber and short undergrowth.

40.09

On surface rock, mark a cross (X) at exact cor. point., over which

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S11
	S14
	1924

from which

Subdivision of T.42 S., R.15 E.

Chains

A cedar, 4 ins.diam., bears S. $7\frac{1}{2}^{\circ}$ W., 114 lks.
dist., marked BT

A cedar, 12 ins.diam., bears N. $18\frac{1}{2}^{\circ}$ W., 46 lks.
dist., marked $\frac{1}{4}$ S 11 B T

68.80 Shallow draw, drains SW.

80.18 The cor. of secs. 10, 11, 14 and 15.

Land, rolling bench; W. exposure and drainage.

Soil, sandstone rock and shallow sand; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N. $0^{\circ} 01'$ W., bet. secs. 10 and 11.

Gradually ascend over rolling and broken bench land
through scattering scrub timber and short undergrowth.

30.00 Low spur, projects W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S10 | S11
1924

from which

A cedar, 4 ins.diam., bears N. $25\frac{1}{2}^{\circ}$ E., 38 lks.
dist., marked BT

A cedar, 6 ins.diam., bears N. $15\frac{1}{2}^{\circ}$ W., 70 lks.
dist., marked $\frac{1}{4}$ S 10 B T

45.00 Head of rocky draw, drains W.

50.00 Leave timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground for cor. of secs. 2, 3, 10 and 11, with brass
cap marked

T42S | R15E
S3 | S2
S10 | S11
1924

Deposit a stone, 6x5x4 ins., marked with a cross (X) on
one face at base of monument.

holdw mori

Subdivision of T.42 S., R.15 E.

Chains

Land, rolling and broken bench; W. exposure and drainage.
Soil, sandy and sandstone rock; 3rd. rate.
Timber, scattering scrub cedar and pinon on S. 50 chs.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

N.89°59'E., on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line 9 lks. S. of the cor. of secs.
1,2,11 and 12.

Thence

S.89°55'W., on true line bet. secs. 2 and 11.

Over rough, broken bench land through scattering timber
and short undergrowth. Descend over rocky slope into
canyon.

31.30 Bottom of canyon, 160 ft. below sec. cor., drains NW.;
ascend.

38.10 Top of ledge and rim of canyon, 155 ft. above bottom,
bears NW. and SE.; thence across bench.

39.98 On surface rock, mark a cross (X) at exact cor. point,
over which,
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ $\frac{S2}{S11}$
1924

from which

A cedar, 4 ins.diam., bears S.2°E., 83 lks.
dist., marked BT

A cedar, 4 ins.diam., bears N.88°W., 153 lks.
dist., marked BT

79.96 The cor. of secs. 2,3,10 and 11.

Land, rough, broken bench; general NW. exposure and
drainage.

Soil, sandstone rock and shallow sand; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Chains

221010

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°12'E., on a random line bet. secs. 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.85 Intersect N. bdy. of the Tp.17 lks. E. of the cor. of secs. 2,3,34 and 35, which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.15 E., this group.

Thence

S.0°05'W., on true line bet. secs. 2 and 3.

Over rough, broken bench land through scattering timber and short undergrowth.

.85 N. rim of small box canyon, bears NE. and SW.; descend.

4.00 Bottom of canyon, 65 ft. below sec. cor., drains SW.; ascend.

11.05 S. rim of canyon, 120 ft. above bottom, bears NE. and SW.; thence over bench.

39.00 Top of ledge and N. rim of canyon, bears NW. and SE.; descend.

39.85 Point for $\frac{1}{4}$ sec. cor. falls on sandstone break where cor. cannot be set; therefore, at

40.85 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

WC
 $\frac{1}{4}$
S3 | S2
1924.

No suitable bearing trees or objects available.

46.30 Bottom of canyon; drains NW.; ascend.

53.85 Top of ledge and S. rim of canyon, 180 ft. above bottom, bears NW. and SE.

55.00 Leave timber, bears NW. and SE.

Chains

79.85

The cor. of secs. 2,3,10 and 11.

Land, rough, broken bench; general NW. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon on N. portion of mile.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

From the cor. of secs. 3,4,33 and 34 on the S. bdy. of the Tp. heretofore described.

N.0°02'W., bet. secs. 33 and 34.

Over rough mountainous land along E. breaks of Train Monument through short undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S33 | S34.
 1924

No suitable bearing trees or other objects available.

Cor. stands at base of Train Monument which bears NW. and SE.

Thence over rolling bench.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 27,28,33 and 34, with brass cap marked

T42S | R15E
 S28 | S27
 S33 | S34
 1924

No suitable bearing trees or other objects available.

Land, rough mountainous on S. half and rolling bench on N. half mile; general N. drainage.

Soil, sandstone rock and sandy; 4th. rate.

No timber.

Subdivision of T.42 S., R.15 E.

Chains

Undergrowth, black brush and mountain rush.

Poor grazing.

East, on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line 5 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S.89°58'W., on true line bet. secs. 27 and 34.

Over rolling bench land through short undergrowth.

39.94 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S27}{S34}$
1924

Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument;

47.50 Small sandstone outcropping, bears NW. and SE.

60.20 Small sandstone ledge, bears NW. and SE.

79.88 The cor. of secs. 27, 28, 33 and 34.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy loam and rocky, sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

N.0°02'W., bet. secs. 27 and 28.

Over rolling bench land through short undergrowth.

24.80 Road, bears NW. to Moonlite and SE. to Bluff, Utah.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S28}{S27}$
1924

Deposit a stone, 6x5x3 ins., marked with a cross (X) on one face at base of monument.

Subdivision of T.42 S., R.15 E.

Chains
75.00
80.00

Draw, drains NW.
Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T42S	R15E
S21	S22
S28	S27
1924	

Deposit a stone, 8x4x4 ins., marked with a cross (X) on one face at base of monument.

Land rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 89° 58' E., on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect N. and S. line 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence

S. 89° 56' W., on true line bet. secs. 22 and 27.

Over rolling bench land through scattering scrub timber and short undergrowth.

24.70 Leave timber, bears N. and S.

39.86 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 22
	S27
	1924

Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

79.72 The cor. of secs. 21, 22, 27 and 28.

Land, rolling bench; W. exposure and drainage.

Soil, sandy loam; 2nd. rate.

Timber, scattering scrub cedar and pinon on E. 24.70chs.

Undergrowth, black brush and bunch grass.

Fair grazing.

Subdivision of T.42 S., R.15 E.

Chains

N.0°02'W., bet. secs. 21 and 22.

Over rolling bench land through very scattering scrub timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22
 1924

from which

A cedar, 8 ins.diam., bears S.58°E., 108 lks.
dist., marked $\frac{1}{4}$ S 22 B T

No other trees or objects available.

70.00 Low ridge, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 15,16,21 and 22, with brass cap marked

T42S | R15E
 S16 | S15
 S21 | S22
 1924

from which

A cedar, 4 ins.diam., bears N.56 $\frac{1}{4}$ °E., 74 lks.
dist., marked T 42 S R 15 E S 15 B T

A cedar, 12 ins.diam., bears S.77 $\frac{1}{4}$ °E., 440 lks.
dist., marked T 42 S R 15 E S 22 B T

A cedar, 8 ins.diam., bears N.27 $\frac{1}{2}$ °W., 330 lks.
dist., marked T 42 S R 15 E S 16 B T

No other trees or objects are available.

Land, rolling bench; W. exposure and drainage.

Soil, sandy loam streaked with sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush; amole and mountain rush.

Fair grazing.

N.89°56'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. line 9 lks. N. of the cor. of secs.

Subdivision of T.42 S., R.15 E.

Chains

14, 15, 22 and 23.

Thence

West, on true line bet. secs. 15 and 22.

no (X) Over rolling bench land through scattering scrub timber and short undergrowth.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S15
S22
1924

from which

A cedar, 6 ins. diam., bears S. 82° W., 387 lks.
dist., marked $\frac{1}{4}$ S 22 B T

A cedar, 4 ins. diam., bears N. 61 $\frac{1}{2}$ ° W., 220 lks.
dist., marked $\frac{1}{4}$ S 15 B T

79.80 The cor. of secs. 15, 16, 21 and 22.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and piñon.

Undergrowth, black brush. amole and mountain rush.

Fair grazing.

N. 0° 02' W., bet. secs. 15 and 16.

Over rolling bench land through scattering timber and short undergrowth.

25.80 Shallow draw, drains NW.; leave timber, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S16 | S15
1924

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with brass cap marked

Subdivision of T.42 S., R.15 E.

Chains

T42S	R15E
S9	S10
S16	S15
1924	

Deposit a stone, 8x5x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands in bottom of shallow draw, drains

Land, rolling bench, drains NW.

Soil, sandy loam streaked with sandstone rock; 2nd. rate.

Timber, scattering scrub cedar and pinon on S. 25.80 chs.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 Intersect N. and S. line 5 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence

S. 89° 58' W., on true line bet. secs. 10 and 15.

Over rolling bench land through short undergrowth.

12.75 Shallow draw, drains NW.

34.75 Enter scattering scrub timber, bears N. and S.

39.87 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 26 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S10
	S15
	1924

from which

A cedar, 6 ins. diam., bears S. 77° E., 190 lks.

dist., marked $\frac{1}{4}$ S 15 B T

No other trees available.

Cor. stands in edge of scattering timber, bears NW. and SE.

44.25 Low spur, projects NW.

55.45 Shallow draw, drains NW.

79.74 The cor. of secs. 9, 10, 15 and 16.

Subdivision of T.42 S., R.15 E.

Chains

Land, rolling bench; NW. exposure and drainage.
Soil, sandy and sandstone rock; 3rd. rate.
Timber, scattering scrub cedar and pinon in central portion of mile.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

N.0°02'W., bet. secs. 9 and 10.

Over rolling bench land through short undergrowth.

35.00 Rocky point, bears W. about 6 chs. distant.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S9	|	S10
1924		

Deposit a stone, 4x4x4 ins., marked with a cross (X) on one face at base of monument.

55.00 Draw, drains W.; forms canyon about 8 chs. W.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T42S	|	R15E
S4	|	S3
S9	|	S10
1924		

Land, rolling bench; W. exposure and drainage.
Soil, rocky of sandstone formation; 4th. rate.
Timber, a few scattering scrub cedar and pinon on both sides of line.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

N.89° 58'E., on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect N. and S. line 30 lks, N. of the cor. of secs.

Subdivision of T.42 S., R.15 E.

Chains	2,3,10 and 11.	enlarged
	Thence.	
	N.89°49'W., on true line bet. secs. 3 and 10.	
	Over rolling bench land through short undergrowth.	
39.89	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ $\frac{S3}{S10}$ 1924	
	Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.	
74.00	Low rise, bears NW. and SE.	
78.00	Small ledge, bears NW. and SE.; descend 50 ft. to	
79.78	The cor. of secs. 3,4,9 and 10.	
	Land, rolling bench; NW. exposure and drainage.	
	Soil, sandy and rocky; 3rd. rate.	
	No timber.	
	Undergrowth, black brush, amole and mountain rush.	
	Poor grazing.	
	N.0° 05'E., on a random line bet. secs. 3 and 4.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.59	Intersect N. bdy. of the Tp. 19 lks. E. of the cor. of secs. 3,4,33 and 34 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.15 E., this group.	
	Thence	
	S.0°03'E., on true line bet. secs. 3 and 4.	
	Over rough, broken bench land through short undergrowth.	
5.10	Draw, drains SW.; ascend over low point projecting W.	
24.70	Canyon, drains NW.; ascend 50 ft. to	
33.60	Top of ledge and S. rim of canyon, bears E. and W.	
39.59	On surface rock, mark a cross (X) at exact cor. point, over which,	
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap	

marked

S4 | S3

1924

67.60 Rim ledge, bears NE. and SW.

76.60 Rim ledge, bears NW. and SE.; descend 60 ft. to

79.59 The cor. of secs. 3,4,9 and 10.

Land, rough, broken bench; W. exposure and drainage.

Soil, rocky of sandstone formation; 3rd. rate.

Timber, a few scattering cedar and pinon on both sides of line.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

From the cor. of secs. 4,5,32 and 33 on the S. bdy. of the Tp. heretofore described.

N.0°03'W., bet. secs. 32 and 33.

Over rolling bench land at base of Train Monument, through short undergrowth.

11.00 Shallow draw, drains W.

16.50 Low spur, projects W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S32 | S33

1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 28,29,32 and 33, with brass cap marked

T42S | R15E
S29 | S28

S32 | S33

1924

Deposit a stone, 4x4x2 ins., marked with a cross (X) on same face at base of monument.

Subdivision of T. 42 S., R. 15 E.

Chains

Land, rolling bench; W. exposure and NW. drainage.
Soil, rocky of sandstone formation; 4th. rate.
No timber.
Undergrowth, black brush, amole and mountain rush.
Poor grazing.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line 3 lks. N. of the cor. of secs.
27, 28, 33 and 34.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 28 and 33.

Ascend 135 ft. over rocky N. slope of Train Monument
through short undergrowth.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S28}{S33}$
1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

46.10 Top of ascent on N. slope at point 4 chs. N. of high
ledge which encircles Train Monument; descend 150
ft. over rocky NW. slope.

67.00 Point of spur, projects NW.

79.98 The cor. of secs. 28, 29, 32 and 33.

Land, rough mountainous; N. exposure and drainage.
Soil, rocky of sandstone formation; 4th. rate.
No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

N. $0^{\circ}03'$ W., bet. secs. 28 and 29.

Over rolling bench land through very scattering scrub
timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in
the ground on solid rock and 20 ins. in a mound of

Subdivision of T.42 S., R.15 E.

Chains

stone for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S29	|	S28
	1924	

from which

A cedar, 10 ins. diam., bears S. 21° E., 425 lks.

dist., marked $\frac{1}{4}$ S 28 B T

No other trees available.

Cor. stands on edge of shallow draw, drains NW.

48.20 Road, bears NW. to Moonlite and SE. to Bluff, Utah.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T42S	|	R15E
S20	|	S21
S29	|	S28
	1924	

Deposit a stone, 10x8x2 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering cedar and pinon on both sides of line.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S. $89^{\circ}59'$ E., on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line 3 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

West, on true line bet. secs. 21 and 28.

Over rolling bench land through short undergrowth.

13.10 Draw, drains NW.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

amland

$\frac{1}{4}$ S21
S28
1924

Deposit a stone, 8x6x3 ins., marked with a cross (X) on one face at base of monument.

80.02 The cor. of secs. 20, 21, 28 and 29.

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering scrub cedar and pinon on both sides of line.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., bet. secs. 20 and 21.

Over rolling bench land through short undergrowth.

18.30 Wash, 50 lks. wide, 4 ft. deep, in draw, drains W.; thence over sandstone bench land.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S20 | S21
1924

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T42S | R15E
S17 | S16
S20 | S21
1924

Deposit a stone 5x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; W. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Subdivision of T.42 S., R.15 E.

Chains

Fair grazing.

East, on a random line bet. secs. 16 and 21.

49.00 Set temp. $\frac{1}{4}$ sec. cor..

79.96 Intersect N. and S. line 7 lks. N. of the cor. of secs. 15, 16, 21 and 22. .

Thence

N.89°57'W., on true line bet. secs. 16 and 21.

Over rolling bench land through short undergrowth.

39.98 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline S16 \\ S21 \\ 1924 \end{array}$$

Deposit a stone, 6x5x4 ins., marked with a cross (X) on one face at base of monument.

79.96 The cor. of secs. 16, 17, 20 and 21.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.0°03'W., bet. secs. 16 and 17.

Over rolling bench land through short undergrowth.

24.00 A red sandstone butte, bears E. about 10 chs. distant.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S17 \quad | \quad S16 \\ | \\ 1924 \end{array}$$

Deposit a stone, 6x6x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap marked

Subdivision of T.42 S., R.15 E.

Chains

T42S	R15E
S8	S9
S17	S16
.1924	

Deposit a stone, 6x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains W.

Soil, sandy loam and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°57'E., on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. line 11 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence

S.89°58'W., on true line bet. secs. 9 and 16.

Over rolling bench through short undergrowth.

20.80 Low rise, bears N. and S.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S9
	S16
	1924

Deposit a stone, 6x6x4 ins., marked with a cross (X) on one face at base of monument.

65.00 Draw, course NW.

79.80 The cor. of secs. 8, 9, 16 and 17.

Land, rolling bench; drains W.

Soil, sandy loam and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., bet. secs. 8 and 9.

Over rolling bench land through scattering scrub cedar and pinon timber and short undergrowth.

17.00 Draw, drains NW.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$\begin{array}{c} 1 \\ | \\ S8 \quad | \quad S9 \\ 1924 \end{array}$

from which

A cedar, 6 ins. diam., bears N. 7° E., 120 lbs.
dist., marked T S 9 B T

A cedar, 8 ins. diam., bears N. 20° W., 84 lbs.
dist., marked T S 8 B T

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. in dia., 70 in. in a large mound of stone for cor. of secs. 4, 5, 8 and 9, with brass cap marked

$\begin{array}{c|c} T42S & R15E \\ \hline S5 & S4 \\ \hline S8 & S9 \\ 1924 \end{array}$

from which

A cedar, 4 ins. diam., bears N. 53½° E., 190 lbs.
dist., marked T 42 S R 15 E S 4 B T

A cedar, 4 ins. diam., bears S. 80° E., 60 lbs.
dist., marked T 42 S R 15 E S 9 B T

A cedar, 4 ins. diam., bears S. 67° W., 218 lbs.
dist., marked T 42 S R 15 E S 8 B T

A cedar, 4 ins. diam., bears N. 17° W., 57 lbs.
dist., marked T 42 S R 15 E S 5 B T

Land, rolling and broken bench; drains W.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and mountain rush.

Poor grazing.

N. 89° 58' E., on a random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

Subdivision of T.42 S., R.15 E.

chains

79.68 Intersect N. and S. line 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence

S.89°55'W., on true line bet. secs. 4 and 9.

Over rolling and broken bench land through short undergrowth.

39.84 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S4}{S9} = 1924$$

43.70 Top of ledge and rim of canyon, bears NW. and SE.; descend 125 ft. to

53.70 Bottom of canyon, drains NW.; ascend.

64.10 Top of ledge and rim of canyon, 110 ft. above bottom; enter scattering scrub timber, bears NW. and SE.
Thence over bench.

79.68 The cor. of secs. 4, 5, 8 and 9.

Land, rolling and broken bench; drains NW.

Soil, sandstone rock and sandy; 3rd. rate.

Timber, scrub cedar and pinon on W. portion of mile.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.0°03'W., on a random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.60 Intersect N. bdy. of the Tp. 23 lks. E. of the cor. of secs. 4, 5, 32 and 33 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.41 S., R.15 E., this group.

Thence

S.0°13'E., on true line bet. secs. 4 and 5.

Over rough broken bench land through very scattering scrub timber and short undergrowth.

16.60 The East rim of a red sandstone butte, bears W. about 2 chs. distant.

39.60 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S5 | S4
 1924

Deposit a stone, 8x6x4 ins., marked with a cross (X) on one face at base of monument.

60.90 Top of ledge and N. rim of canyon, bears E. and W.; descend 115 ft. to

68.00 Bottom of canyon, drains W.; ascend 125 ft. to

76.90 Top of ledge and N. rim of canyon, bears E. and W.

79.60 The cor. of secs. 4, 5, 8 and 9.

Land, rough, broken bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, a few scattering cedar on both sides of line.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. heretofore described.

N.0°03'W., bet. secs. 31 and 32.

Over rolling bench land through short undergrowth.

13.30 Shallow draw, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S31 | S32
 1924

Deposit a stone, 7x6x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass

Chains

cap marked

T42S	R15E
330	329
331	332
192h	

Deposit a stone, 5x5x5 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rash.

Fair grazing.

East, on a random line bet. secs. 29 and 32.

Set temp. 1/2 sec. cor.

Intersect the cor. of secs. 28, 29, 32 and 33.

Thence

East, on true line bet. secs. 29 and 32.

Over rolling bench land through short undergrowth.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for 1/2 sec. cor., with brass cap marked

329
332
192h

Deposit a stone, 8x7x5 ins., marked with a cross (X) on one face at base of monument.

The cor. of secs. 29, 30, 31 and 32.

Land, rolling bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, none.

Undergrowth, black brush, amole and mountain rash.

Fair grazing.

West, on a random line bet. secs. 30 and 31.

Set temp. 1/2 sec. cor.

Intersect W. bay. of the Tp. 7 lks. S. of the cor. of secs. 29, 30, 31 and 36 heretofore described.

Thence

Subdivision of T.42 S., R.15 E.

Chains

N. 89° 57' E., on true line bet. secs. 30 and 31.

Over rolling bench land through short undergrowth.

4.60 Left bank of Moonlight Wash, bears N. and S.

8.50 Bottom of Moonlight Wash, drains N.

12.40 Right bank of Moonlight Wash, bears N. and S.

38.27 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S30
S31
1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Cor. stands along edge of road which bears N. to Bluff and S. to Moonlight, Utah also in draw which drains N.

78.27 The cor. of secs. 29, 30, 31 and 32.

Land, rolling bench; general N. exposure and drainage. Soil, sandy loam and rocky; 3rd. rate. Sandstone formation.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 0° 03' W., bet. secs. 29 and 30.

Over rolling and broken bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S30 | S29
1924

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

43.30 Draw, drains W.; gradually ascend.

50.00 Spur, projects W., 30 ft. above $\frac{1}{4}$ sec. cor.

59.00 Road, bears E. to Bluff and W. to Moonlight, Utah.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in

Subdivision of T.42 S., R.15 E.

Chains

a large mound of stone for cor. of secs. 19, 20, 29 and 30
with brass cap marked

T42S	R15E
S19	S20
S30	S29
1924	

Cor. stands on sandstone outcropping, bears E. and W.

Land, rolling bench, broken by sandstone outcroppings;

W. exposure and NW. drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

Fast, on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line 7 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence

N.89°57'W., on true line bet. secs. 20 and 29.

Over rolling bench land through short undergrowth.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in
the ground on solid rock and 22 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S20
	S29
	1924

Deposit a stone, 5x5x4 ins., marked with across (X) on
one face at base of monument.

40.85 Small spur, projects SW.

45.00 A small sandstone rim; bears NE. and SW.

80.02 The cor. of secs. 19, 20, 29 and 30.

Land, rolling bench; W. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, mountain rush and amole.

Fair grazing.

Subdivision of T.42 S., R.15 E.

N.89°57'W., on a random line bet. secs. 19 and 30.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect W. bdy. of the Tp. 9 lks. N. of the cor. of secs. 19, 24, 25 and 30, heretofore described.

Thence

N.89°59'E., on true line bet. secs. 19 and 30.

Over rolling bench land through short undergrowth.

From this point a small spring, bears S.29°45'E., 16.90 chs. distant.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S19
S30
1924

Accessories to cor. impracticable.

Bottom of Moonlight Wash, 2 chs. wide, 6 ft. deep, drains

N. Wash forms canyon approximately 15 chs. N.

The cor. of secs. 19, 20, 29 and 30.

Land, rolling bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°03'W., bet. secs. 19 and 20.

Over broken bench land through short undergrowth.

On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S19 | S20
1924

Spur, projects NW.; descend.

Bottom of small canyon, drains NW.; gradually ascend.

Subdivision of T.42 S., R.15 E.

Chains

75.20 Low spur, projects NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 17,18,19 and 20, with brass cap marked

T42S	R15E
S18	S17
S19	S20
1924	

Deposit a stone, 6x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling and rough bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, mountain rush and amole.

Fair grazing.

S.89°57'E., on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 3 lks. S. of the cor. of secs. 16,17,20 and 21.

Thence

N.89°58'W., on true line bet. secs. 17 and 20.

Over rough, broken bench land through short undergrowth.

40.05 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S17
	S20
	1924

56.20 Accessories to cor. impracticable.
Low, wide topped spur, projects S.60°W.; gradually descend.

75.30 Shallow draw, drains N.

80.10 The cor. of secs. 17,18,19 and 20.

Land, rolling and broken bench; NW. drainage.

Soil, rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Chains

Fair grazing.

S. 89° 59' W., on a random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.23 Intersect W. bdy. of the Tp. 7 lks. N. of the cor. of
secs. 13, 18, 19 and 24 heretofore described.

Thence

N. 89° 56' E., on true line bet. secs. 18 and 19.

Over rolling and broken bench land through short under-
growth.

38.23 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in
the ground on solid rock and 10 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S18}{S19}$
 1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

48.90 W. rim of Moonlight Wash, bears NE. and SW.; descend.

53.72 Moonlight Wash, 2 chs. wide, 3 ft. deep, 75 ft. below
rim, drains NE.; ascend.

58.70 E. rim of Moonlight Wash, bears NE. and SW.; gradually
ascend.

78.23 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and broken bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N. 0° 03' W., bet. secs. 17 and 18.

Over broken bench land through short undergrowth.

40.00 On surface rock, mark a cross (X) at exact cor. point,
over which,

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in
a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{2}$
 S18 | S17
 1924

from which

Face of sandstone outcropping, marked X B0 S17

bears N.1° E. 3 lks. distant.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 7,8,17 and 18 with brass cap marked

T42S | R15E
 S7 | S8
 S18 | S17
 1924

from which

A cedar, 6 ins. diam., bears N.29° E., 42 lks.

dist., marked T 42 S R 15 E S 8 B T

A cedar, 10 ins. diam., bears S.43½° E., 148 lks.

dist., marked T 42 S R 15 E S 17 B T

A cedar, 8 ins. diam., bears S.46½° W., 99 lks.

dist., marked T 42 S R 15 E S 18 B T

A cedar, 8 ins. diam., bears N.80½° W., 132 lks.

dist., marked T 42 S R 15 E S 7 B T

Land, broken bench; W. exposure and N. drainage.

Soil, rocky of sandstone formation; 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89°58'E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the cor. of secs. 8,9,16 and 17.

Thence

N.89°58'W., on true line bet. secs. 8 and 17.

Over rolling bench land through scattering scrub timber and short undergrowth.

40.10 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T.42 S., R.15 E.

Chains

$\frac{1}{4}$ $\frac{S8}{S17}$
1924

from which

A cedar, 8 ins.diam., bears N.13 $\frac{1}{2}$ °E., 236 lks.

dist., marked $\frac{1}{4}$ S 8 B T

A cedar, 6 ins.diam., bears S.7 $\frac{1}{4}$ °W., 474 lks.

dist., marked $\frac{1}{4}$ S 17 B T

80.20 The cor. of secs. 7,8,17 and 18.

Land, rolling bench; NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°56'W., on a random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.09 Intersect W. bdy., of the Tp. at the cor. of secs. 7,12,
13 and 18 heretofore described.

Thence

N.89°56'E., on true line bet. secs. 7 and 18.

Over rolling and broken bench land through short under-
growth.

15.00 Shallow draw, drains NE.

38.09 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S7}{S18}$
1924

Deposit a stone, 5x4x4 ins., marked with a cross (X) on
one face at base of monument.

54.00 W. rim of Moonlight Wash, bears NE. and SW.; descend 90
ft. to

59.80 Wash, 2 chs. wide, drains NE.; ascend 90 ft. to

65.55 E. rim of Moonlight Wash, bears NE. and SW.; enter scatter-
ing scrub timber, bears NE. and SW.; thence over rolling
bench.

Subdivision of T.42 S., R.15 E.

Chains

entire

78.09 The cor. of secs. 7,8,17 and 18.
Land, rolling and broken bench; drains N.
Soil, sandy and sandstone rock; 3rd. rate.
Timber, scattering scrub cedar and pinon on west portion
of mile.
Undergrowth, black brush, amole and mountain rush.
Fair grazing.

N.0°03'W., bet. secs. 7 and 8.

Over broken and rolling bench land through scattering
timber and short undergrowth.

34.90 Draw, drains W.

40.00 Point for $\frac{1}{4}$ sec. cor. falls on sloping ledge where cor.
cannot be set, therefore, at

40.38 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for witness cor. to the $\frac{1}{4}$ sec. cor., with brass
cap marked

$\frac{1}{4}$
S7 | S8
1924

from which

A cedar, 4 ins.diam., bears N.38 $\frac{1}{2}$ °E., 18 lks.
dist., marked W C $\frac{1}{4}$ S 8 B T

A cedar, 8 ins.diam., bears N.81 $\frac{1}{2}$ °W., 110 lks.
dist., marked W C $\frac{1}{4}$ S 7 B T

77.50 Begin descent of 50 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in
the ground on solid rock and 26 ins. in a mound of
stone for cor. of secs. 5,6,7 and 8, with brass cap
marked

T42S | R15E
S6 | S5
S7 | S8
1924

from which

Subdivision of T.42 S., R.15 E.

Sandstone outcropping, marked X BO S 5, bears
N.10°E., 73 lks. distant.

Sandstone outcropping, marked S BO S 8, bears
S.20°E., 17 lks. distant.

No other bearing objects or trees available.

Land, rolling and broken bench; drains NW.

Soil, rocky and sandy; sandstone formation; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.89° 58'E., on a randomline bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intersect N. and S. line 9 lks. S. of the cor. of secs.
4, 5, 8 and 9.

Thence

N.89°58'W., on true line bet. secs. 5 and 8.

Over rolling and broken bench land through short
undergrowth:

40.13 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in
the ground on solid rock and 10 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S5
S8
1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.26 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate

Timber, a few scattering scrub cedar and pinon on both
sides of line.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S.89°56'W., on a random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.42 S., R.15 E.

Chains

77.96 Intersect W. bdy. of the Tp. 9 lks. N. of the cor. of
secs. 1, 6, 7 and 12 heretofore described.

Thence

N.89°52'E., on true line bet. secs. 6 and 7.

Gradually descend over rolling and broken bench land
through short undergrowth.

37.96 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S6}{S7} \\ 1924 \end{array}$$

Deposit a stone 6x5x5 ins., marked with a cross (X) on
one face at base of monument.

56.45 W. rim of Moonlight Wash, bears NW. and SE.; descend.

66.90 Bottom of Moonlight Wash, 2 chs. wide, drains NW.; ascend.

71.20 E. rim of Moonlight Wash, bears NW. and SE.

77.96 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken bench; drains N.

Spil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°13'W., on a random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect N. bdy. of the Tp. 23 lks. W. of the cor. of
secs. 5, 6, 31 and 32 which is an iron post, 2 ins. in
dia., firmly set, and marked and witnessed as described
in the field notes of the survey of T.41 S., R.15 E.,
this group.

Thence

S.0°03'E., on true line bet. secs. 5 and 6.

Over broken bench land through short undergrowth.

26.70 N. rim of canyon, bears NE. and SW.; descend.

31.60 Bottom of canyon 70 ft. below rim, drains SW.; ascend.

39.50 Top of S. rim of canyon, bears NE. and SW.

Chains

39.70 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S6 | S5
 1924

from which

Sandstone outcropping, marked X B0 S6, bears N.3°W., 10 lks. distant.

No other bearing objects available.

From this cor., a spring of fair water and which flows a small stream, bears S.63°30'W., 15.50 chs. distant.

79.70 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

BOUNDARIES OF T. 42 S., R. 15 E.

Latitudes, departures and closing errors.

Lines designated	True bearings	Dist-ances.	Latitudes		Departures	
			N	S	E	W
			chs	chs	chs	chs
W.bdy.T42S R15E.	South	479.92	.....	479.92	.....	.....
S.bdy.T42S R15E	East	478.42	.....	.....	478.42	.....
E.bdy.T42S R15E	North	480.20	480.20	.....	.....	.....
N.bdy.T42S R15E	West	477.82	.....	.....	.....	477.82
Convergency			.....	.....	.....	.55
Totals =			480.20	479.92	478.42	478.37
Error in latitude =			479.92		478.37	
			.28			
Error in departure =					.05	

GENERAL DESCRIPTION

The land embraced in this township consists of rolling benches with an elevation of about 5500 ft. above sea and is broken by deep draws or canyons along the west

General Description.

and north portions of the township. The country has a general NW. exposure and drainage toward the San Juan River.

The soil is a loose sandy loam and sandstone rock and in many places in the township solid surface rock covers considerable areas.

The only water in the township is two small springs along Moonlight Wash, one in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30 and the other in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6. These springs flow small streams of slightly mineralized water which is suitable for culinary purposes.

The predominant forest species is a scrub cedar and piñon timber and grows very sparsely throughout the greater portions of the township. The undergrowth is black brush, amole or oose and mountain rush, also a scant growth of native grass.

No surface indications of mineral were observed during the survey of the township.

There are no settlers in the township.

No magnetic declination was taken on account of defective needles.

This township is best adapted for grazing of sheep or cattle.

6-2784

CERTIFICATE OF UNITED STATES SURVEYORS.

Chas. F. Moore

We Willis W. Bandy

U. S. Surveyor, hereby certify upon honor that, in pursu-
of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 19th day of September 1923, we
our in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-
tions, and the laws of the United States, surveyed all those parts or portions of north, south and
west boundaries and subdivision of T.42 S., R.15 E.

of the Salt Lake Base
and Meridian, in the State of Utah, which are represented
and date diagram
the foregoing field notes as having been executed by us, and under our direction; and that all the corners
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey. Bluff Utah Nov 30-1924
Salt Lake City, Utah,
January 15, 1925
Chas. F. Moore
U. S. Surveyor
Willis W. Bandy
U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1924

The foregoing field notes of the survey of north, south, and west boundaries and
subdivisional lines of Township No. 42 South, Range No. 15 East,
of the Salt Lake Base and Meridian, Utah,

executed by Chas. F. Moore and Willis W. Bandy, U. S. Surveyors,
under his special instructions dated September 19, 1923, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

C. A. E. [Signature]
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

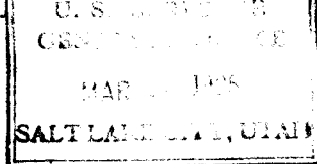
Blank

Page

Blank

Page

BOOK A-475 : B



FIELD NOTES

OF THE ~~SURVEY OF THE~~

RETRACEMENT AND RESURVEY OF THE UTAH-ARIZONA

BOUNDARY LINE BETWEEN

206th & 213th

MILE POSTS.

WEST BOUNDARY AND SUBDIVISION

OF

T. 43 S., R. 15 E.

Of the SALT LAKE BASE AND Meridian,

in the State of UTAH

EXECUTED BY

CHAS. F. MOORE, U.S. TRANSITMAN

WILLIS W. BANDY, U.S. TRANSITMAN

Transitman
in the capacity of U. S. Surveyor under instructions dated September 19, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 151, which were approved by the Commissioner of the General Land

Office, Sept. 28, 1923.

Assignment Instructions dated April 10, 1924

Supplemental Assignment Instructions dated Sept. 27, 1924.

Survey commenced April 18, 1924

Survey completed May 10, 1924

INDEX DIAGRAM.

Township 43 S, Range 15 E.

12 6 72 74	5 59 73	4 47 60	3 35 49	2 21 36	1 22
13 7 74 76	8 61 70	9 49 62	10 37 50	11 23 38	12 24
14 18 79 81	17 63 60	16 51 65	15 39 52	14 25 40	13 26
17 19 33 35	20 66 34	21 53 67	22 40 55	23 26 41	24 27
19 30 37 90	29 68 39	28 56 69	27 42 57	26 28 43	25 30
20 31 91 7-8	32 71 7-8	33 58 7-9	34 46 6-10	35 32 6-10	36 6-11

Date Diagram, T. 43 S., R. 15 E.

Date Diagram of
T. 43 S., R. 15 E.

6	5	4	3	2	1
4/30/24	4/30/24	4/21/24	4/21/24	4/19/24	4/18/24
7	8	9	10	11	12
5/6/24	4/30/24	4/30/24	4/23/24	4/21/24	4/19/24
18	17	16	15	14	13
5/6/24	5/5/24	5/5/24	4/30/24	4/23/24	4/24/24
19	20	21	22	23	24
5/9/24	5/7/24	5/6/24	5/5/24	5/1/24	4/23/24
30	29	28	27	26	25
5/10/24	5/6/24	5/6/24	5/6/24	5/5/24	5/1/24
31	32	33	34	35	36
5/10/24	5/10/24	5/10/24	5/10/24	5/10/24	5/10/24

All lines ruled and dated in red were surveyed by Chas.

F. Moore, U. S. Transitman.

All lines ruled and dated in blue were surveyed by Willis

W. Bahdy, U. S. Transitman.

All boundary lines ruled in black are included in survey
of adjoining townships.

Survey commenced April 18, 1924, and executed with Buff and Buff light mountain solar transit No. 9220, used by Chas. F. Moore, U. S. Transitman, and Young and Sons light mountain solar transits No. 8296 and No. 8396, used by Willis W. Bandy, U. S. Transitman.

These instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6, conditional upon satisfactory field tests, in assignment instructions dated April 10, 1924.

These instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers each, placed opposite to each other and reading to single minutes of arc. This is also the least count of the latitude and declination arcs and full vertical circles.

We examine the adjustments of the instruments and correct all errors. Then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian established by observation made on Polaris, we proceed as follows:

April 12, 1924: At the cor. of secs. 19, 20, 29, and 30, T. 43 S., R. 16 E., in approximate latitude $37^{\circ} 4' N.$, approximate longitude $110^{\circ} 15' W.$, with the telescope in the meridian, as determined with the solar attachment during the progress of the survey of regular section lines adjacent to this corner, and elevated to the sun's altitude, I observe the sun's transit for time, noting the watch time of transit of each limb:

Mean watch time of apparent noon	----	12h. 2m. 21s.
Watch fast of local mean time	-----	1m. 30s. ✓

April 12, 1924: At our camp in sec. 30, T. 42 S., R. 16 E., Salt Lake Base and Meridian, in approximate lat. $37^{\circ} 8' N.$, longitude $110^{\circ} 15' W.$, at 6h. 5m. 30s. p.m., l.m.t., using Buff & Buff transit No. 9220, I observe Polaris at western elongation, making four

observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, with a tack in a stake, driven firmly in the ground about 10 chs. N. of my station.

Azimuth of Polaris at western elongation $1^{\circ} 23'$.

April 13, 1924: At 7h. 45m. a.m., apparent time, I lay off the azimuth of Polaris, $1^{\circ} 23'$, to the east and mark the meridian thus determined by a tack in a peg, driven firmly in the ground about 10 chs. N. of my station.

At 9h. 0m. a.m., apparent time, with the three instruments in the meridian, we set off $37^{\circ} 8\frac{1}{2}'$ N. on the lat. arcs; $9^{\circ} 7\frac{1}{2}'$ N. on the decl. arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

At apparent noon, with Buff & Buff transit No. 9220 in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	$62^{\circ} 10'$
Reduced latitude	$37^{\circ} 8\frac{1}{2}'$ N.
Mean watch time of observation	12h. 2m. 6s.
Watch fast of local mean time	1m. 30s.

At apparent noon, with the three instruments in the meridian and with the lat. arcs unchanged, we observe the sun on the meridian, the resulting reading of the declination arcs is $9^{\circ} 10'$ N., which agrees with the computed declination of the sun.

At 3h. 0m. p.m., apparent time, with the lat. arcs unchanged, we set off $9^{\circ} 13'$ N. on the declination arcs and determine meridians with the solar attachments, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of the survey of this township, frequent tests being made on meridians established by observations made on Polaris, and at the completion of the survey of this township we make a final test of instruments as follows:

May 11, 1924: At this same station, at 9h.0m. a.m., apparent time, with the three instruments in the meridian, we set off $37^{\circ} 8\frac{1}{2}'$ N. on the lat. arcs, $17^{\circ} 56'$ N. on the declination arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

At apparent noon, with the latitude arcs unchanged, we observe the sun on the meridian, the resulting reading of the declination arcs is $17^{\circ} 58'$ N., which agrees with the computed declination of the sun.

At 3h. 0m. p.m., apparent time, with the latitude arcs unchanged, we set off $18^{\circ} 0'$ N., on the declination arcs, and determine meridians with the solar attachments, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work come within 1' of the true meridian we conclude that the instruments have been maintained in satisfactory adjustment throughout the progress of the survey of this township.

Measurements.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes, 5 chains in length, compared with Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements are made on the slope, the vertical angles determined with a clinometer.

Measurements.

and the slope measurements properly reduced to true horizontal distances.

Method of Procedure

The east boundary of this township is provided for under the survey of Group No. 150, Utah, and the north boundary is included in the notes of the survey of T. 42 S., R. 15 E. of this group, as the south boundary of that township. The south boundary is the Utah-Arizona State Boundary Line. The west boundary and subdivisions are executed as follows.:

The west boundary is extended south from the cor. of Ts. 42 and 43 S., Rs. 14 and 15 E. to its intersection with the Utah-Arizona State Boundary Line where a closing township corner is set. The fractional distance is placed in the last half mile to the south.

The subdivisions are executed from north to south and from east to west, placing the fractional distances against the south and west boundaries. Closing corners are set at the intersection of the lines of this survey with the Utah-Arizona State Boundary Line and also $\frac{1}{4}$ sec. corners at mid-points between the closing corners on said boundary line, except the $\frac{1}{4}$ sec. cor. on the south boundary of sec. 31, which cor. being set 40.00 chs. west from the closing sec. cor. for secs. 31 and 32. In order to determine the true points for the respective closing corners the Utah-Arizona State Boundary Line was retraced between the 206th. and the 213th. mile posts. The notes of the retracement and resurvey of this portion of the Utah-Arizona State Boundary Line are included herein together with the notes of the survey of the west boundary and subdivisions of T. 43 S., R. 15 E.

Retracement of the Utah-Arizona State Boundary Line
Between the 206th. and the 213th. Mile Posts.

Chains.

Retracement of the Utah-Arizona State Boundary Line
Between the 206th. and the 213th. mile posts.

From the 213th. mile post on the Utah-Arizona State
Boundary Line, which is an iron post, 3 ins. diam.,
extending 9 ins. above the ground, firmly set, marked
and witnessed as described in the notes of the survey
of T. 43 S., R. 16 E., Group No. 150, Utah.

West on retracement line along the 213th. mile.

29.48 Offset 8.00 chs. south to avoid impassable ledges about
250 ft. high. Thence west on offset line.

31.90 Offset north 8.00 chs. to a point 31.90 chs. west of the
213th. mile post. Thence west from this point.

30.06 Fall 5 lks. S. of the 212th. mile post, hereinafter
described.

Therefore, the course of this mile is N. $89^{\circ} 58'$ W. and
the distance is 80.06 chs.

From the 212th. mile post.

West on retracement line along the 212th. mile.

79.02 Fall 37 lks. N. of the witness cor. to the 211th. mile
post, set 30 lks. west of the true point for said
mile post, hereinafter described.

Therefore the course of this mile is S. $89^{\circ} 44'$ W. and
the distance is 79.02 chs.

From the true point for the 211th. mile post.

West on retracement line along the 211th. mile.

79.34 Fall 5 lks. N. of the 210th. mile post, hereinafter
described.

Therefore, the course of this mile is S. $89^{\circ} 58'$ W. and
the distance is 79.34 chs.

From the 210th. mile post.

West on retracement line along the 210th. mile.

and retracement of the Utah-Arizona State Boundary
Line between the 206th. and 213 th. Mile Posts.

Chains

80.14 Fall 5 lks. N. of the 209th. mile post, hereinafter described.

Therefore, the course of this mile is S.89°58'W., and the distance is 80.14 chs.

From the 209th. mile post.

West, on retracement along the 209th. mile.

79.37 Intersect the 208th. mile post, hereinafter described. Therefore, the course of this mile is west, and the distance is 79.37 chs.

From the 208th. mile post.

West, on retracement along the 208th. mile.

80.00 No trace of the 207th. mile post can be found. Set temp. cor.

157.64 Fall 27 lks. S. of the witness cor. to the 206th. mile post hereinafter described, which is established 2.00 chs. N.89°45'E. of the true cor. point.

159.64 Fall 27 lks. S. of the true point for the 206th. mile post.

Therefore, the course of the line bet. the 208th. mile post and the witness cor. to the 206th. mile cor. is N.89°54'W., and the distance from the 208th. mile cor. to the point for the 206th. mile cor. is 159.64 chs.

Resurvey of the Utah-Arizona State Boundary line between the 206th. and 213th. mile posts.

From the point for the 206th. mile post.

N.89°45'E., on resurvey along the 207th. mile.

2.00 Intersect the witness cor. to the 206th. mile cor., which is a sandstone, 40x10x7 ins., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

Thence

S.89°54'E., with continuous measurement.

79.82 Proportionate measurement

Resurvey of the Utah-Arizona State Boundary Line
Between the 206th and 213th. Mile Posts.

Chains

Set an iron post, 3 ft. long, 3 ins. in dia., 27 ins. in the ground for the 207th. mile cor., with brass cap marked

UTAH
207M
ARIZ
1924

Deposit a sandstone, 7x5x3 ins., marked with a cross (X) on one face at base of monument. No suitable bearing trees or other objects available and pits are impracticable. There is also no stone available with which to build a mound.

S.89°54'E., on resurvey along the 208th. mile.

56.84 Point 40.00 chs. N.89°54'W. of the closing cor. of secs. 31 and 32, T.43 S., R.15 E.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. S. bdy. sec. 31, T.43 S., R.15 E., with brass cap marked

U

$\frac{1}{4}$ S 31

A

1924

Deposit a sandstone, 10x5x4 ins., marked with a cross (X) on one face at base of monument. No suitable bearing trees or other objects available. There is also no stone available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

79.82 The 208th. mile cor., which is a sandstone, 30 x 14 x 6 ins. firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

East, on resurvey along the 209th. mile.

Resurvey of the Utah-Arizona State Boundary Line
Between the 206th and 213th Mile Post.

Chains

56.97 Mid-point bet. the closing sec. cor. for secs. 31 and 32 and the closing sec. cor. for secs. 32 and 33, subsequently determined.

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X) chiseled in the solid surface rock, and supported in a large mound of stone, for the $\frac{1}{2}$ sec. cor., sec. 32 only, with brass cap marked

U

$\frac{1}{2}$ S 32

A

1924

from which

A pinon pine, 6 ins. in diam., bears N. 38° E., 60 lks. dist., marked $\frac{1}{2}$ S 32 B T.

A pinon pine, 12 ins. in diam., bears N. 65° W., 136 lks. dist., marked $\frac{1}{2}$ S 32 B T.

79.37 Intersect the 209th mile post, which is a sandstone, 10x10x6 ins. above the ground, firmly set, marked and witnessed as described by the surveyor general.

N. 89° 58' E., on a resurvey line along the 210th mile.

57.47 $\frac{1}{2}$ Mid-point bet. the closing sec. cor. for secs. 32 and 33 and the closing sec. cor. for secs. 33 and 34, subsequently determined.

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X), chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{2}$ sec. cor. sec. 33 only, with brass cap marked

U

$\frac{1}{2}$ S 33

A

1924

from which

A point on solid sandstone ledge, bears N. 88° W., 22 lks. dist., marked X B O.

80.14 Intersect the 210th mile post, which is a sandstone,

Chains

38x12x11 ins., firmly set on solid surface rock, supported by a large mound of stone, and is marked and witnessed as described by the surveyor general.

N. 89° 52' E. on a resurvey line along the 211th mile.

57.09½ Mid-point bet. the closing sec. cor. for secs. 33 and 34 and the closing sec. cor. for secs. 34 and 35, subsequently determined

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, to bedrock, and supported in a large mound of stone, for the ¼ sec. cor. sec. 34 only, with brass cap marked

U
¼ S 34

A
.1924

from which

A juniper, 12 ins. in diam., bears N. 88° W., 70 lks. dist., marked ¼ S 34. P T.

No other suitable bearing tress or bearing objects available.

73.54 Intersect the witness cor. to the 211th mile post, which is a sandstone, 11x10x6 ins. above the ground, firmly set, marked and witnessed as described by the surveyor general.

79.34 Intersect the true point for the 211th mile post.

From the true point for the 211th mile post.

N. 89° 44' E., on a resurvey along the 212th mile.

57.64 Mid-point bet. the closing cor. for secs. 34 and 35 and the closing sec. cor. for secs. 35 and 36, subsequently determined.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor. for sec. 35 only, with brass cap marked

U
¼ S 35

A
1924

Resurvey of the Utah-Arizona State Boundary Line

Between the 206th. and the 213th. Mile Posts.

Chains.

from which,

A point on solid sandstone ledge, bears N. 10° W.,
5 lks. dist., marked X B O.

No other suitable bearing trees or other bearing
objects available.

79.02. No trace of the stone set for the 212th. mile post could
be found, therefore, at this point, which bears N.
436 lks. dist. from a point on solid sandstone ledge
on S. wall of canyon, marked ARIZ X 212 M, at
B O
record bearing and distance from said point on canyon
wall.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in
the ground, for the 212th. mile post, with brass cap
marked

UTAH

212 M

ARIZ

1924

Deposit a sandstone memorial, 6 x 6 x 4 ins.,
marked with cross (X) at base of post.

S. $89^{\circ} 58'$ E. on resurvey line along the 213th. mile.

48.16 Offset south 8.00 chs. to avoid impassable ledges about
250 ft. high. Thence S. $89^{\circ} 58'$ E. on offset line.

59.58 Offset north 8.00 chs. to point 59.58 chs. S. $89^{\circ} 58'$ E.
of 212th. mile post. True point for the $\frac{1}{4}$ sec. cor.
for sec. 36 only, midway bet. the closing sec. cor.
for secs. 35 and 36 and the closing township cor. for
T. 43 S., Rs. 15 and 16 E., falls on inaccessible face
of sandstone ledge approximately 250 ft. high. There-
fore, at this point.

Set an iron post, 3 ft. long, 1 in. diam., on exposed
bedrock, supported by a large mound of stone, for the
witness cor. to the $\frac{1}{4}$ sec. cor. sec. 36 only, with.

brass cap marked

U

W

$\frac{1}{4}$ S. 36

C

A

1924

Chains.

from which,

A point on solid sandstone ledge, bears N. 13 lbs. dist., marked X V C B O . . .

No other suitable bearing trees or bearing objects are available.

This witness cor. is set S. 89° 55' E., 89½ lbs. dist. from the true point for corner.

90.00 Intersect the 213th. mile post, which is an iron post, 3 ins. diam., extending 9 ins. above the ground, firmly set, marked and witnessed as described in the notes of the survey of T. 43 S., R. 16 E.

Survey of the West Boundary of T. 43 S., R. 15 E.
From the cor. of Ts. 42 and 43 S., Rs. 14 and 15 E., which is an iron post, 3 ins. diam., extending 8 ins. above the ground, firmly set, marked and witnessed as described in the notes of the survey of T. 42 S., R. 15 E.

South along the west boundary of the township bet. secs. 1 and 6.

Over rolling desert land through scattering undergrowth of low desert brush.

41.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

1
3 2 3 6
1924

Deposit a sandstone memorial, 6 x 4 x 4 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 in. diam., 27 ins. in the ground, for the cor. of secs. 1, 6, 7, and 12.

Chains.

to bridge with brass cap marked

T 43 S
R 14 E R 15 E
S 1 | S 6
S 12 | S 7
1924

Deposit a leg bone of a cow at base of post.

There are no stones available with which to build
a mound and pits are impracticable.

Land, level desert.
Soil, sandy, 2nd. and 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, amole plant, and
mountain rush.
Fair grazing.

South along the west boundary of the township bet. secs.
7 and 12.

Over level desert land through scattering growth of low
desert brush.

40.00 On level desert land near base of high mesa.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground, to bedrock, supported by a mound of stone,
for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 12 | S 7
1924

Deposit a sandstone memorial, 6 x 5 x 5 ins.,
marked with cross (X) at base of post.

41.00 Base of high mesa land bears NE. and SW. Offset west
10.00 chs. to avoid impassable ledges approximately
500 ft. high. Thence south on offset line.

48.00 At a point 10.00 chs. east on true line point of mesa
land, approximately 520 ft. above the $\frac{1}{4}$ sec. cor.
projects W. Continue south on offset line.

60.00 Offset east 10.00 chs. to true line. Thence south on
true line .

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in

Survey of the West Boundary of T. 43 S., R. 15 E.

Chains.

the ground, to bedrock, supported by a small mound of stone, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked

T 43 S	
R 14 E	R 15 E
S 12	S 7
S 13	S 18
1924	

from which,

A point on solid sandstone ledge, bears S. 6° E., 135 lks. dist., marked X B O .

No other bearing trees or bearing objects available

Land, level desert and high mesa land.

Soil, sandy, rocky, 2nd., 3rd., and 4th. rate.

Timber, none.

Undergrowth, scattering black brush and amole plant.

Fair grazing.

South along the west boundary of the township bet. secs. 13 and 18.

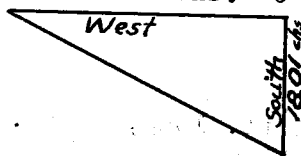
Over level desert land through scattering growth of low desert brush and grass.

9.90 Base of impassable sandstone ledges bears NE. and SW.

Leave level desert land, bears NE. and SW. Asc. over broken land. As it is impossible to continue chaining on account of high sandstone ledges I return to the cor. of secs. 7, 12, 13, and 18 and triangulate as follows:

Designate the cor. of secs. 7, 12, 13, and 18 point "C" and measure a base line west 14.99 chs. where I set point designated "B". Also from point "C" set flag on line south on top of high mesa land designated "A". Then, from point "B" side A-C subtends an angle of 50° 14' and from point "A" side B-C subtends an angle of 39° 46'. Also vertical angle from point "C" to point "A" is 21½° plus.

50° 14' "B" 14.99 chs. "C" 90°



"A" 39° 46'

Chains.

Triangulated distance 18.01 chs.

Difference in elevation by triangulation 470 ft.

18.01 Point "A" of triangulation, on top of point of mesa land, 470 ft. above sec. cor. Break of mesa bears E. and W. Continue across top of point of same.

19.00 Desc. from top of point of mesa over S. slope. Break of mesa bears E. and W.

26.00 Head of draw, 50 ft. below break of mesa, drains W. Asc. N. slope.

34.43 Set temp. triangulation point on top of point of mesa, 50 ft. above head of draw. Large spur projects SW. Desc. slightly over SE. slope.

37.70 Break of high mesa land, bears NE. and SW. Continue desc. over broken ledges.

40.00 On SE. slope, 40 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S 13 | S 18
1924

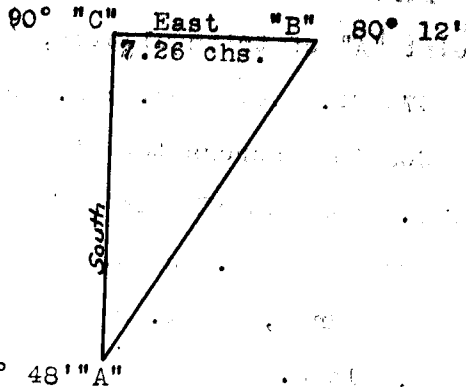
No suitable bearing objects are available.

As it is impracticable to continue chaining on account of high perpendicular sandstone ledges I return to the temp. triangulation point set at 34.43 chs. and triangulate as follows:

Designate this point "C" and set a flag on line S. designated "A". Then, from point "C" measure base line east 7.26 chs. to point designated "B". As a longer base is not obtainable I rechain this base, the second result being 7.26 chs., which checks with the original measurement. Then, from point "B" side A-C subtends an angle of 80° 12' and from point "A" side B-C subtends an angle of 9° 48'. All angles determined by repetition and all bearing determined

Chains.

by use of the solar attachment.



Triangulated distance 42.03 chs.
 Distance to point "C" 34.43 chs.
 Distance to point "A" 76.46 chs.

There is no change in elevation bet. points "C" and "A". Approximate topography along line from the $\frac{1}{4}$ sec. cor. to point "A" as follows:

From the $\frac{1}{4}$ sec. cor. desc. over perpendicular sandstone ledges, facing SE.

- 50.00 Base of ledges, 520 ft. below $\frac{1}{4}$ sec. cor., bears NE. and SW. Leave broken land. Continue over level desert land.
- 60.00 Shallow wash, drains SW.
- 69.00 Base of high sandstone ledges, bears NE. and SW. Leave level desert land. Asc. over broken ledges, over which it is impracticable to chain.
- 76.46 Point "A" of triangulation. Break of mesa land, 520 ft. above base of ledges, bears NE. and SW. Continue across mesa land.
- Thence, by chaining.
- 78.00 Break of mesa land, bears NE. and SW. Desc. over broken ledges over S. slope.
- 80.00 On broken S. slope, 70 ft. below break of mesa land. Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the cor. of secs. 13, 18, 19, and 24, with brass cap marked.

T 43 S
 R 14 E R 15 E
 S 13 S 18
 S 24 S 19
 1924

No bearing objects available.

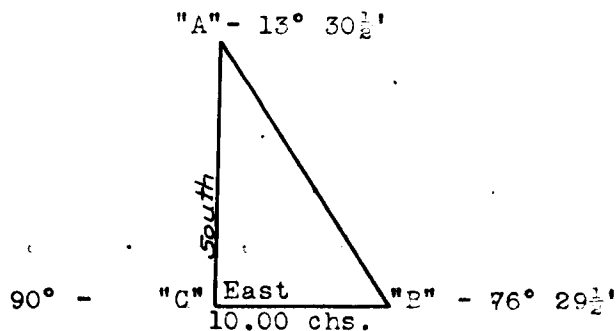
Land, level desert, broken mesa slopes, and mesa land.
 Soil, sandy, rocky. 2nd., 3rd., and 4th. rate.
 Timber, none.
 Undergrowth, scattering black brush, amole plant, and
 shadscale.
 Poor grazing.

South along the west boundary of the township bet. secs.
 19 and 24.

Over broken land through thinly scattering scrub timber
 and low desert brush.

On account of high ledges over which it is impracticable
 to chain I triangulate as follows, showing approximate
 topography along line to the sec. cor.

Designate the cor. of secs. 13, 18, 19, and 24 point "A"
 and set a point on line south designated point "C".
 From point "C" measure base line east 10.00 chs. to
 point designated "B". As a longer base is not obtain-
 able I rechain this base line, the second result
 being 10.00 chs., which checks with the original
 measurement. Then, from point "A" side B-C subtends
 an angle of $13^{\circ} 30\frac{1}{2}'$ and from point "B" side A-C
 subtends an angle of $76^{\circ} 29\frac{1}{2}'$. All angles determined
 by direct reading and all bearings determined with
 the solar attachment. The angle of depression from
 point "A" to point "C" is $9^{\circ} 12'$.



Triangulated distance south to point "C" 41.63 chs.
 Difference in elevation by triangulation 450 ft.

Thence by return measurement 1.63 chs. to a point
 40.00 chs. south of sec. cor. secs. 13, 18, 19, & 24.

Chains.

Note: Approximate topography from the cor. of secs. 13, 18, 19, and 24 to the $\frac{1}{4}$ sec. cor. is as follows:

From the cor. of secs. 13, 18, 19, and 24 desc. over broken ledges facing S.

8.00 Base of ledges, bears E. and W. 450 ft. below sec. cor.

Leave broken land. Continue over level desert land.

10.00 Shallow wash, drains W.

18.00 Base of ledges, bears NE. and SW. Asc. over same.

21.50 Spur, 200 ft. above level desert land, projects SW. Desc. rocky S. slope.

30.00 Base of ledges, 200 ft. below top of spur, bears E. and W.

Leave ledges. Continue over level desert land.

40.00 On level desert land, 450 ft. below the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 24 | S 19
1924

from which,

A juniper, 4 ins. diam., bears N. $24\frac{1}{2}^{\circ}$ E., 380 lks. dist., marked $\frac{1}{4}$ S 19 B T.

A juniper, 6 ins. diam., bears N. $7\frac{1}{2}^{\circ}$ W., 368 lks. dist., marked $\frac{1}{4}$ S 24 B T.

From the $\frac{1}{4}$ sec. cor. Moonlight Trading Post bears N. 78° W.

Thence by chaining.

41.63 Point "C" of triangulation.

54.00 Shallow wash, drains SW.

75.00 East fork of Moonlight Wash, 10 ft. deep, 50 lks. wide, drains NW.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked

Survey of the West Boundary of T. 43 S., R. 15 E.

T 43 S
R 14 E R 15 E
S 24 | S 19
S 25 | S 30
1924

from which,

A cottonwood, 20 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ E.,
320 lks. dist., marked T. 43 S R 15 E S 30 B T.
No other bearing trees or bearing objects are
available.

Land, rough broken mesa walls and level desert.
Soil, sandy, rocky. 2nd., 3rd., and 4th. rate.
Timber, thinly scattering juniper and pinon along entire
mile and a few cottonwoods near Moonlight Wash.
Undergrowth, scattering black brush, mountain rush, and
amole plant.
Fair grazing on level portions.

South along the west boundary of the township bet. secs.
25 and 30.

Over level desert land through scattering growth of low
desert brush.

9.70 Road, bears NW. to Moonlight Trading Post and SE. to
Kayenta, Arizona.

10.00 Point from which small reservoir in bottom of Moonlight
Wash, bears east approximately 10.00 chs. dist. This
reservoir is formed by a dike across the wash, about
70 ft. in length and is about 5 ft. above the bottom
of the wash at the highest point. The reservoir
covers an area of about 50 x 100 ft.

28.40 Road, bears NW. and SE.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mark-
ed.

$\frac{1}{4}$
S 25 | S 30
1924

Deposit a sandstone memorial, 8 x 6 x 4 ins.,
marked with cross (X) at base of post. No stones
are available with which to build a mound and pits
are impracticable.

Survey of the West Boundary of T. 43 S., R. 15 E.

Chains.

- From the $\frac{1}{4}$ sec. cor. Moonlight Trading Post bears N. $30\frac{1}{2}^{\circ}$ W. Old abandoned trading post; the ruins of an old adobe and rock house, approximately 40 x 50 ft., bears S. 55° E. Spring of good clear water bears S. 56° E.
- 55.00 Point from which NE. cor. of old abandoned trading post bears N. $82\frac{1}{2}^{\circ}$ E. and from which spring bears N. 82° E
- 60.00 Point of spur, projecting N. Leave level desert land. Asc. along top of spur.
- 80.00 On top of spur, 180 ft. above level desert land. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked

T 43 S
R 14 E R 15 E
S 25 | S 30
S 36 | S 31
1924

Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, level desert and broken land:
Soil, sandy, rocky. 2nd. and 3rd. rate.
Timber, none.
Undergrowth, scattering shadscale.
Poor grazing.

South along the west boundary of the township bet. secs. 31 and 36.

Over broken land through thinly scattering scrub timber and scattering undergrowth.

Asc. along top of spur.

3.50 Break of mesa land, 200 ft. above the sec. cor., bears E. and W. Continue over rolling mesa land.

40.00 On rolling mesa land.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 36 | S 31
1924

Survey of the North Boundary of T. 43 S., R. 15 E.

From which
A pinon, 6 ins. diam., bears N. $87\frac{1}{2}^{\circ}$ E., 14 lks.

Dist. marked $\frac{1}{2}$ S. 31 B T

A juniper, 4 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ W., 19 lks.

Dist. marked $\frac{1}{2}$ S. 36 B T

Continue over rolling mesa land.

Intersect the Utah-Arizona State Boundary Line, 17.23 chs.
S. $89^{\circ} 54'$ E. of the 207th. mile post, hereinbefore
described.

At point of intersection, on rolling mesa land.

Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in
the ground, to bedrock, supported by a mound of stone,
for the closing township cor. for T. 43 S., Rs. 14
and 15 E., with brass cap marked

UTAH	
C C	
T 43 S	
R 14 E	E. 15 E
S 36	S 31

AR12

1924

Deposit a sandstone memorial, 8 x 6 x 4 ins.,
marked with cross (X) at base of post.

No suitable bearing trees or other bearing objects
are available.

Land, rolling mesa and broken.
Soil, gravelly, rocky, 2nd. and 3rd. rate.
Timber, thinly scattering scrub juniper and pinon.
Undergrowth, scattering black brush, mountain rush, and
amole plant.
Fair grazing.

Subdivision of T. 43 S., R. 15 E.

From the cor. of secs. 1, 2, 35, and 36, on the north
boundary of the township, which is an iron post, 2 int.
diam., extending 9 ins. above the ground, firmly set,
marked and witnessed as described in the notes of the
survey of T. 42 S., R. 15 E.

S. $0^{\circ} 1'$ E. bet. secs. 1 and 2.

Over rolling desert land through scattering growth of
small desert brush.

Chains.

- 7.80 Top of sandstone outcropping, 20 ft. above sec. cor., bears NW. and SE.
- 31.30 Shallow wash, drains NW. Continue over level desert land
- 40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 2 | S 1
1924

Deposit a sandstone memorial, 6 x 6 x 4 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy.

- 62.00 Shallow wash, drains SW.

- 80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked

T 43 S R 15 E
S 2 | S 1
S 11 | S 12
1924

Deposit a sandstone memorial, 6 x 6 x 6 ins., marked with cross (X) at base of post.

Land, level and rolling desert.

Soil, sandy, rocky. 2nd. and 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, mountain rush, and amole plant.

Fair grazing.

East on random line bet. secs. 1 and 12.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 80.00 Intersect the east boundary of the township, 2 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., extending 24 ins. above the ground, firmly set in a mound of stone, marked and witnessed

Chains.

as described in the notes of the survey of T. 43 S.,
R. 16 E.

Thence,

N. 89° 59' W. on true line bet. secs. 1 and 12.

Over level desert land through scattering growth of small
desert brush.

7.00 Sandstone outcropping, bears NW. and SE.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mark-
ed.

$$\begin{array}{r} S 1 \\ \hline \frac{1}{4} \\ S 12 \\ 1924 \end{array}$$

Deposit a sandstone memorial, 4 x 3 x 3 ins.,
marked with cross (X) at base of post.

There are no stones available with which to build
a mound and pits are impracticable, as the soil is
very loose and sandy.

80.00 The cor. of secs. 1, 2, 11, and 12.

Land, level desert.

Soil, sandy. 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, amole plant, and
mountain rush.

Fair grazing.

S. 0° 1' E. bet. secs. 11 and 12.

Over level desert land through scattering growth of
desert brush.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S 11 | S 12 \\ 1924 \end{array}$$

Deposit a sandstone memorial, 6 x 4 x 4 ins.,
marked with cross (X) at base of post.

There are no stones available with which to build

Chains.

a mound and pits are impracticable as the soil is very sandy and loose.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked

T. 43 S R 15 E
S 11 | S 12
S 14 | S 13
1924

Deposit a sandstone memorial, 6 x 5 x 4 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Land, level desert.
Soil, sandy. 3rd. rate.
Timber, none.

Undergrowth, scattering black brush, mountain rush, amole plant, and thinly scattering clumps of scrub oak brush.
Fair grazing.

S. 89° 59' E. on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the east boundary of the township, 5 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., extending 9 ins. above the ground, firmly set, marked and witnessed as described in the notes of the survey of T. 43 S., R. 16 E.

Thence,

S. 89° 59' W. on true line bet. secs. 12 and 13.

Over level desert land through scattering growth of desert brush.

39.96 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 12
 $\frac{1}{4}$
S 13
1924

Deposit a sandstone memorial, 8 x 6 x 4 ins.,

Chains.

marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

79.92 The cor. of secs. 11, 12, 13, and 14.

Land, level desert.

Soil, sandy. 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, mountain rush, amole plant, and thinly scattering clumps of oak brush.

Fair grazing.

S. 0° 1' E. bet. secs. 13 and 14.

Over level desert land through scattering growth of small desert brush.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline S\ 14\ | \ S\ 13 \\ \hline 1924 \end{array}$$

Deposit a sandstone memorial, 6 x 4 x 4 ins.,

marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

73.20 Shallow wash, drains NW.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked

$$\begin{array}{c} T\ 43\ S\ R\ 15\ E \\ S\ 14\ | \ S\ 13 \\ \hline S\ 23\ | \ S\ 24 \\ \hline 1924 \end{array}$$

Deposit a sandstone memorial, 7 x 5 x 4 ins.,

marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Chains..

Land, level desert.
Soil, sandy. 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, mountain rush, and amole plant.
Fair grazing.

N. 89° 59' E. on random line bet. secs. 13 and 24.

40.00 Set temp. sec. cor.

79.94 Intersect the east boundary of the township, at the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., extending 9 ins. above the ground, firmly set, marked and witnessed as described in the notes of the survey of T. 43 S., R. 16 E.

Thence,

S. 89° 59' W. on true line bet. secs. 13 and 24.

Over level desert land through scattering growth of small desert brush.

39.97 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 13
—
S 24
1924

Deposit a sandstone memorial, 5 x 3 x 3 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

79.94 The cor. of secs. 13, 14, 23, and 24.

Land, level desert.
Soil, sandy. 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, amole plant, and mountain rush.
Fair grazing.

S. 0° 1' E. bet. secs. 23 and 24.

Over level desert land through scattering growth of small desert brush.

39.50 Right bank of large wash, 3 ft. high, bears NW. and SE.

Continue across bottom of same.

40.00 In bottom of large wash, draining NW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 23 | S 24
 1924

Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, NW. of cor.

40.50 Left bank of wash, 3 ft. high, bears NW. and SE. Leave bottom of wash, bears NW. and SE. Continue over level desert land.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked

T 43 S R 15 E
 S 23 | S 24
 S 26 | S 25
 1924

Deposit a sandstone memorial, 6 x 4 x 4 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Land, level desert.

Soil, sandy. 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, mountain rush, and amole plant.

Fair grazing.

N. 89° 59' E. on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the cor. of secs. 19, 24, 25, and 30, on the east boundary of the township, which is an iron post, 2 ins. diam., extending 9 ins. above the ground, firmly set, marked and witnessed as described in the

notes of the survey of T. 43 S., R. 16 E.

Chains.

Thence,

S. 89° 59' W. on true line bet. secs. 24 and 25.

Over level desert land through scattering growth of small desert brush.

25.90 Center of large wash, 2.00 chs. wide, 4 ft. deep, drains NW.

39.96 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S 24

S 25

1924

Deposit a sandstone memorial, 5 x 4 x 3 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

79.92 The cor. of secs. 23, 24, 25, and 26.

Land, level desert.

Soil, sandy. 2nd. and 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, mountain rush, and amole plant.

Fair grazing.

S. 0° 1' E. bet. secs. 25 and 26.

Over level desert land through scattering growth of small desert brush.

27.30 Shallow wash, drains NE.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S 26 | S 25

1924

Deposit a sandstone memorial, 5 x 4 x 4 ins., marked with cross (X) at base of post.

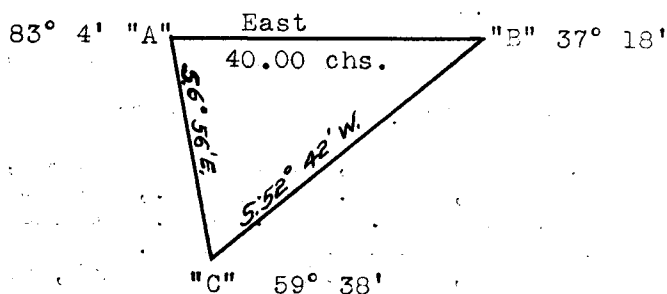
There are no stones available with which to build

a mound and pits are impracticable as the soil is very loose and sandy.

60.80 Base of broken-mesa land, bears NW. and SE. Leave level desert land, bears NW. and SE. Enter broken mesa slope, facing NE.

On account of high broken ledges to the south over which I cannot chain I return to the $\frac{1}{4}$ sec. cor. and triangulate as follows:

Designate the $\frac{1}{4}$ sec. cor. point "A" and set a point on point of mesa land designated "C", the bearing to which, from point "A", is S. $6^{\circ} 56'$ E. Then, from point "A" measure base line 40.00 chs. east where I set a point designated "B". From point "A" side B-C subtends an angle of $83^{\circ} 4'$, from point "B" side A-C subtends an angle of $37^{\circ} 18'$, and from point "C" side A-B subtends an angle of $59^{\circ} 38'$. The bearing from point "B" to point "C" is S. $52^{\circ} 42'$ W. All angles determined by direct reading and all bearings determined with the solar.



Triangulated distance from point "A" to point "C" 28.09 chs.

Difference in elevation between point "A" and point "C" by triangulation 485 ft., the vertical angle being $14^{\circ} 30'$ plus.

Point "C" is 27.89 chs. south and 3.39 chs. east of point "A".

Distance south to point "A" 40.00 chs.

Distance south from point "A" to point "C" 27.89 chs.

Distance south to point "C" 67.89 chs.

To avoid impassable ledges along the true line over which I cannot chain I continue S. $0^{\circ} 1'$ E. from point "C" on offset line 3.39 chs. east of true line.

Continue along top of broken ledges, facing W., through scattering scrub timber. Enter scrub timber at point

Chains.

"C", bears NW. and SE.

Desc. slightly.

79.79 Offset west 3.38 chs. to true line. Thence S. $0^{\circ} 1'$ E, from this point. Break of mesa land bears NE. and SW. Continue over top of same..

80.00 On high mesa land.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, supported by a mound of stone, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked

T	43	S	R	15	E
S	26	S	25		
S	35	S	36		
	1924				

from which,

A juniper, 8 ins. diam., bears N. 35° E., 26 lks. dist., marked T 43 S R 15 E S 25 B T .

A juniper, 10 ins. diam., bears S. $4\frac{1}{2}^{\circ}$ E., 60 lks. dist., marked T 43 S R 15 E S 36 B T .

A juniper, 10 ins. diam., bears N. 18° W., 224 lks. dist., marked T 43 S R 15 E S 26 B T .

No other bearing trees or other bearing objects available.

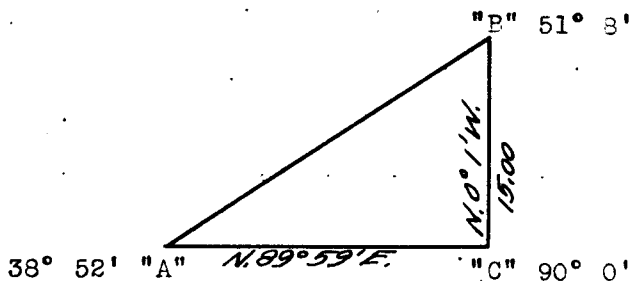
Land, level desert, broken mesa slopes, and rolling mesa. Soil, sandy, rocky. 2nd., 3rd., and 4th. rate. Timber, first 67.89 chs. none. Remainder of mile, scattering scrub juniper and pinon. Undergrowth, scattering black brush, mountain rush, and amole plant.

N. $89^{\circ} 59'$ E. on random line bet. secs. 25 and 36.

15.00 Break of mesa land. On account of high perpendicular ledges over which I cannot chain I triangulate as follows:

Designate this point "A" and set a flag on random line N. $89^{\circ} 59'$ E. designated "O". Then, from point "O" measure base line N. $0^{\circ} 1'$ W. 15.00 chs. distant to point designated "B". From point "A" side B-C subtends an angle of $38^{\circ} 52'$, from point "B" side A-C

subtends an angle of $51^{\circ} 8'$, and from point "C" side A-B subtends an angle of $90^{\circ} 0'$ All angled determined by direct reading and all bearings determined with the solar attachment. The angle of depression from point "A" to point "C" is $20^{\circ} 37'$



Triangulated distance, point "A" to point "C" 18.61 chs.
 Distance N. $89^{\circ} 59'$ E. to point "A" 15.00
 Distance N. $89^{\circ} 59'$ E. to point "C" 33.61
 Difference in elevation by triangulation 466 ft.

- 33.61 Thence by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect the east boundary of the township, 9 lks. S. of the cor. of secs. 25, 30, 31, and 36, which is an iron post, 2 ins. diam., extending 9 ins. above the ground, firmly set, marked and witnessed as described in the notes of the survey of T. 43 S., R. 16 E.

Thence,

S. $89^{\circ} 55'$ W. on true line bet. secs. 25 and 36.

Over level desert land through scattering growth of small desert brush.

- 21.10 Shallow wash, drains N.

- 40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 25
 $\frac{1}{4}$ —————
 S 36

1924

Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

From the $\frac{1}{4}$ sec. cor. small spring of good clear water

Chains.

- bears south 35.00 chs. dist.
- 46.39 Point "C" of triangulation bears S. four lks. dist.
- 48.00 Base of broken mesa land, bears NW. and SE. Leave level desert land. Asc. NE. slope over high sandstone ledge.
- 65.00 Point "A" of triangulation bears S. 2 lks. dist. Break of high mesa land, 700 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE. Continue over level top of same. Enter scattering scrub timber, bears NW. and SE.
- 80.00 The cor. of secs. 25, 26, 35, and 36.
- Land, level desert, rough broken mesa walls, and rolling mesa land.
- Soil, sandy rocky. 2nd., 3rd., and 4th. rate.
- Timber, none along first 65.00 chs. Remainder of mile, scattering scrub juniper and piñon.
- Undergrowth, scattering black brush, amole plant, and mountain rush.
- Poor grazing over parts of mile that are not too rough and steep.

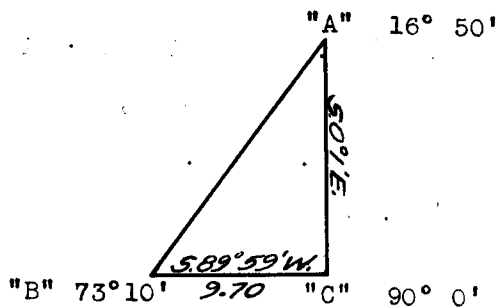
S. $0^{\circ} 1'$ E. bet. secs. 35 and 36, on true line.

Over rolling mesa land through scattering scrub timber and scattering growth of small desert brush.

- 1.20 Break of mesa land, bears E. and W. On account of impassable ledges and rough broken mesa walls to the south over which it is impracticable to chain I triangulate as follows:

Designate this point "A" and set a point on line S. $0^{\circ} 1'$ E. designated point "C". Then, from point "C" measure base line S. $89^{\circ} 59'$ W. 9.70 chs. to point designated point "B". Then, from point "A" side B-C subtends an angle of $16^{\circ} 50'$, from point "C" side A-B subtends an angle of $90^{\circ} 0'$, and from point "B" side A-C subtends an angle of $73^{\circ} 10'$. All angles determined by direct reading and all bearings determined with the solar attachment. The angle of depression from point "A" to point "C" is $10^{\circ} 48'$.

Chains.



Triangulated distance, point "A" to point "C" 32.06 chs.
 Distance S. 0° 1' E. to point "A" 1.20
 Distance S. 0° 1' E. to point "C" 33.26 chs.
 Difference in elevation by triangulation-408 ft.

Note: Approximate topography. From point "A" descend over series of high perpendicular sandstone ledges facing S.

23.30 Base of broken mesa slope, 408 ft. below the $\frac{1}{4}$ sec. cor., bears NE. and SW. Continue over level desert land.

33.26 Point "C" of triangulation. Thence, by chaining.

40.00 On level desert land. 408 ft. below the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

↓
 S 35 | S 36
 1924

from which,

A juniper, 12 ins. diam., bears N. 75° E., 140 lks. dist., marked $\frac{1}{4}$ S 36 B T.

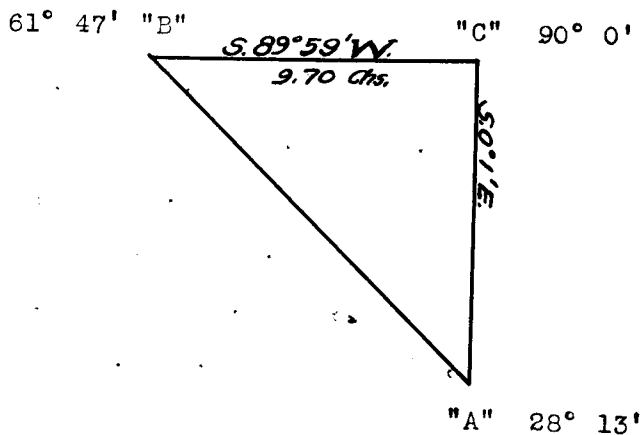
A juniper, 10 ins. diam., bears N. 74° W., 106 lks. dist., marked $\frac{1}{4}$ S 35 B T.

41.00 Base of impassable ledges, bears E. and W. Leave level desert land, bears E. and W. Continue over rough broken mesa wall. On account of high perpendicular sandstone ledges to the south, over which it is impracticable to chain, I triangulate as follows:

Return to point "C" of the triangulation just preceding, which was set on line and found to be 33.26 chs. S. 0° 1' E. from the cor. of secs. 25, 26, 35, and 36. Then, from this point set flag on line S. 0° 1' E. designated

Chains.

point "A". Then using the side B-C of the triangulation just previous to this, as a base line, the length of which is 9.70 chs. and the bearing of which is S. 89° 59' W. the following results are obtained. From point "A" side B-C subtends an angle of 28° 13', from point "B" side A-C subtends an angle of 61° 47', and from point "C" side A-B subtends an angle of 90° 0'. All angles determined by direct reading and all bearings determined with the solar attachment. The angle of elevation from point "C" to point "A" is 12° 25'.



Triangulated distance, point "C" to point "A"	18.08 chs.
Distance S. 0° 1' E. to point "C"	33.26
Distance S. 0° 1' E. to point "A"	<u>51.34 chs.</u>

Difference in elevation by triangulation - 332 ft.

- 51.34 Thence by chaining. Break of high mesa land, 332 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W. Continue over rolling mesa land across narrow point of same projection west from main mesa land.
- 56.60 Break of mesa land, bears E. and W. Desc. rough broken S. slope. Leave rolling mesa land.
- 73.90 Base of mesa slope, 415 ft. below break of same, bears E. and W. Continue over level desert land.
- 79.50 Intersect the Utah-Arizona State Boundary Line, 18.67 chs. S. 89° 58' E. of the 212th. mile post, hereinbefore described.
- At point of intersection, on level desert land.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains.

the ground, for the closing sec. cor. for secs. 35
and 36, with brass cap marked

UTAH

C. C	
T 43 S	R 15 E
S 35	S 36

ARIZ

1924

from which,

A juniper, 14 ins. diam., bears N. $29\frac{1}{2}^{\circ}$ E., 356 lks.
dist., marked T 43 S R 15 E S 36 C C B T .

A juniper, 8 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ W., 120 lks.
dist., marked T 43 S R 15 E S 35 C C B T .

Land, broken mesa slopes, rolling mesa, and level desert.
Soil, rocky, sandy. 2nd., 3rd., and 4th. rate.

Timber, scattering scrub juniper.

Undergrowth, scattering black brush, amole plant, and
mountain rush.

Poor grazing as most of mile is too rough.

From the cor. of secs. 2, 3, 34, and 35, on the north
boundary of the township, which is an iron post, 2 ins.
diam., extending 8 ins. above the ground, firmly set,
marked and witnessed as described in the notes of the
survey of T. 42 S., R. 15 E.

S. $0^{\circ} 1'$ E., bet. secs. 2 and 3.

Over level desert land through scattering growth of
small desert brush.

20.00 Shallow wash, drains S.W.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$	
S 3	S 2
1924	

Deposit a sandstone, 6 x 6 x 6 ins., marked
with cross (X) at base of post. There are no

Subdivision of T. 43 S., R. 15 E.

Chains.

stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

62.00 Wash, 15 lks. wide, 2 ft. deep, drains NW.

90.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked

T 43 S R 15 E
 $\begin{array}{r} S 3 | S 2 \\ S 10 | S 11 \\ \hline 1924 \end{array}$

Deposit a sandstone memorial, 6 x 6 x 4 ins., marked with cross (X) at base of post. There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Land, level desert.

Soil, sandy. 2nd. and 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, amole plant, and mountain rush.

Fair grazing.

East on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.30 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 1, 2, 11, and 12.

Thence,

S. 39° 59' W. on true line bet. secs. 2 and 11.

Over level desert land through scattering growth of small desert brush.

13.30 Small rocky butte, 40 ft. high, bears south 6.00 chs. dist.

26.30 Shallow wash, drains SW.

39.70 Shallow wash, drains NW.

39.91 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\begin{array}{r} S 2 \\ \frac{1}{4} \hline S 11 \\ \hline 1924. \end{array}$

Subdivision of T. 43 S., R. 15 E.

Chains.

from which,

A juniper, 10 ins. diam., bears S. 89° W., 106 lks.
dist., marked $\frac{1}{4}$ S 11 B T .

A juniper, 4 ins. diam., bears N. 52° W., 260 lks.
dist., marked $\frac{1}{4}$ S 2 B T .

79.82 The cor. of secs. 2, 3, 10, and 11.

Land, level desert.

Soil, sandy loam, rocky. 2nd. and 3rd. rate.

Timber, none except few scattering junipers near the $\frac{1}{4}$
sec. cor.

Undergrowth, scattering black brush, mountain rush, and
amole plant.

Fair grazing.

S. 0° 1' E. bet. secs. 10 and 11.

Over level desert land through scattering growth of small
desert brush .

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

S 10 | S 11

1924

Deposit a sandstone memorial, 4 x 3 x 3 ins.,
marked with cross (X) at base of post.

There are no stones available with which to build
a mound and pits are impracticable as the soil
is very sandy and loose.

60.00 Shallow wash, drains SW.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for the cor. of secs. 10, 11, 14, and 15,
with brass cap marked

T 43 S R 15 E

S 10 | S 11

S 15 | S 14

1924

Deposit a sandstone memorial, 6 x 5 x 4 ins.,

Chains.

marked with cross (X) at base of post.
There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Land, level desert.
Soil, sandy. 2nd. and 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, amole plant, and mountain rush.
Fair grazing.

N. 89° 59' E. on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.83 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence,

N. 89° 59' W. on true line bet. secs. 11 and 14.

Over rolling desert land through scattering growth of small desert brush.

37.50 Top of slight descent, bears NE. and SW. Desc. very gentle NW. slope.

39.94 At base of NW. slope, in bottom of depression, on N. slope. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 11
 $\frac{1}{4}$ —————
S 14
1924

Deposit a sandstone memorial, 7 x 5 x 3 ins., marked with cross(X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

From $\frac{1}{4}$ sec. cor. descend along the slope.

46.00 Small spur, 20 ft. below the $\frac{1}{4}$ sec. cor., projects NW. Desc. very gentle SW. slope.

50.00 Base of descent, 50 ft. below top of spur, bears NW. and SE. continue over level desert land.

79.88 The cor. of secs. 10, 11, 14, and 15.

Subdivision of T. 43 S., R. 15 E.

Chains.

Land, rolling and level desert.
Soil, sandy. 2nd. and 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, mountain rush, and
amole plant.
Fair grazing.

S. 0° 1' E. bet. secs. 14 and 15.

Over level desert land through scattering growth of small
desert brush.

35.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for the 1 sec. cor., with brass cap marked

$$\begin{array}{c} \uparrow \\ \text{S } 15 \mid \text{S } 14 \\ 1924 \end{array}$$

Deposit a sandstone memorial, 4 x 4 x 4 ins.,
marked with cross (X) at base of post.

There are no stones available with which to build
a mound and pits are impracticable as the soil is
very loose and sandy.

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for the cor. of secs. 14, 15, 22, and 23,
with brass cap marked

$$\begin{array}{c} \text{T } 43 \text{ S } \text{R } 15 \text{ E} \\ \text{S } 15 \mid \text{S } 14 \\ \hline \text{S } 22 \mid \text{S } 23 \\ 1924 \end{array}$$

Deposit a sandstone memorial, 6 x 4 x 4 ins.,
marked with cross (X) at base of post.

There are no stones available with which to build
a mound and pits are impracticable as the soil is
very sandy and loose.

Land, level desert.
Soil, sandy. 2nd. and 3rd. rate.
Timber, none.
Undergrowth, scattering black brush, amole plant, and
mountain rush.
Fair grazing.

Chains.

S. 89° 59' E. on random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.38 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence,

S. 89° 57' W. on true line bet. secs. 14 and 23.

Over level desert land through scattering growth of low desert brush.

39.94 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S	14
$\frac{1}{4}$	<hr/>
S	23
	1924

Deposit a sandstone memorial, 5 x 4 x 3 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very loose and sandy.

52.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.

79.38 The cor. of secs. 14, 15, 22, and 23.

Land, level desert.

Soil, sandy. 2nd. and 3rd. rate.

Timber, none.

Undergrowth, scattering black brush, amole plant, and mountain rush.

Fair grazing.

S. 0° 1' E. bet. secs. 22 and 23.

Over level desert land through scattering growth of small desert brush.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S	22	S 23
	<hr/>	
	1924	

Deposit a sandstone memorial, 10 x 4 x 3 ins.,

Chains.

marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose..

53.60 Shallow wash, drains, NE..

80.00 On level desert land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T 43 S R 15 E

$$\begin{array}{r} S\ 22\ S\ 23 \\ S\ 27\ S\ 26 \\ \hline 1924 \end{array}$$

Deposit a sandstone memorial, 6 x 5 x 3 ins., marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable as the soil is very sandy and loose.

Land, level desert.

Soil, sandy. 2nd. rate.

Timber, none.

Undergrowth, scattering black brush, amole plant, and mountain rush.

Bair grazing.

N. 89° 57' E. on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 23, 24, 25, and 26.

Thence,

S. 89° 56' W. on true line bet. secs. 23 and 26.

Over level desert land through scattering growth of small desert brush.

40.00 On level desert land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
$$\begin{array}{r} S\ 23 \\ S\ 26 \\ \hline 1924 \end{array}$$

Deposit a sandstone memorial, 7 x 4 x 3 ins.,

Chains.

. marked with cross (X) at base of post.

There are no stones available with which to build a mound and pits are impracticable. as the soil is very sandy and loose..

80.00 The cor. of secs. 22, 23, 26, and 27.

Land, level desert.

Soil, sandy. 2nd. and 3rd. rate.

Timber, none..

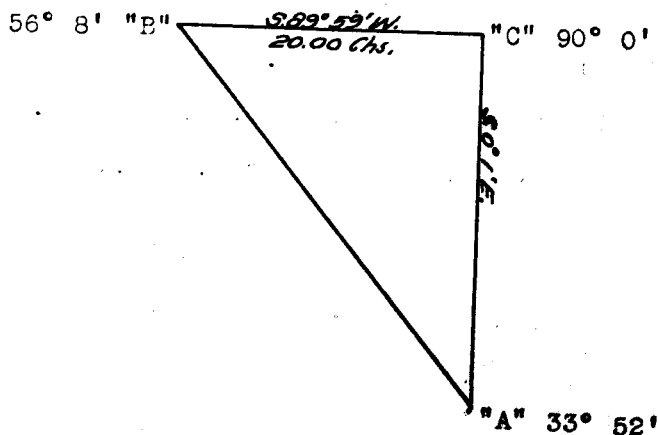
Undergrowth, scattering black brush, mountain rush, and amole plant.

Fair grazing.

S. 0° 1' E. bet. secs. 26 and 27.

Over level desert land through scattering growth of small desert brush.

22.00 Base of rough broken mesa slope, bears NE. and SW. Leave level desert land. Enter rough broken land, bears NE. and SW. On account of high perpendicular sandstone ledges over which I cannot chain I return to the cor. of secs. 22, 23, 26, and 27 and triangulate as follows
Designate the cor. of secs. 22, 23, 26, and 27 point "C" and set a point on line S. 0°. 1' E. on top of mesa land designated "A". From point "C" measure base line S. 89° 59' W. 20.00 chs. to point designated "B". Then, from point "A" side B-C subtends an angle of 33° 52', from point "B" side A-C subtends an angle of 56° 8', and from point "C" side A-B subtends an angle of 90° 0'. All angles determined by direct reading and all bearings determined with the solar attachment. The angle of elevation from point "C" to point "A" is 8° 35'



Subdivision of T. 43 S., R. 15 E.

Chains.

Triangulated distance to point "A" 29.80 chs.
Difference in elevation by triangulation 300 ft.

29.80 Point "A" of triangulation. Break of mesa land, 300 ft. above the sec. cor., bears NE. and SW. Asc. slightly over broken mesa land.

36.10 Low spur, 40 ft. above break of mesa, projects SW. Desc. slightly over S. slope.

40.00 On S. slope of low spur, 30 ft. below top of same.
Set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the sec. cor., with brass cap marked

S 27 | S 26
1924

No other accessories available.

47.00 Break of mesa land, 30 ft. below the sec. cor., bears NE. and SW. Desc. SE. slope.

54.50 Head of rocky draw, 50 ft. below break of mesa, drains SW. Asc. NW. slope.

62.40 Break of mesa land, 50 ft. above head of draw, bears E. and W. Continue over rolling mesa land.

80.00 On rolling mesa land.

Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) marked on solid bedrock, supported by a mound of stone, for the cor. of secs. 26, 27, 34, and 35, with brass cap marked

T 43 S R 15 E
S 27 | S 26
S 34 | S 35
1924

No other accessories available.

Land, broken mesa, rough mesa slopes, rolling mesa, and level desert land.

Soil, rocky, sandy. 2nd., 3rd., and 4th. rate.

Timber, none.

Undergrowth, scattering black brush, amole plant, and mountain rush.

Fair grazing on desert land to north of mesa. Remainder of mile too rough for grazing.

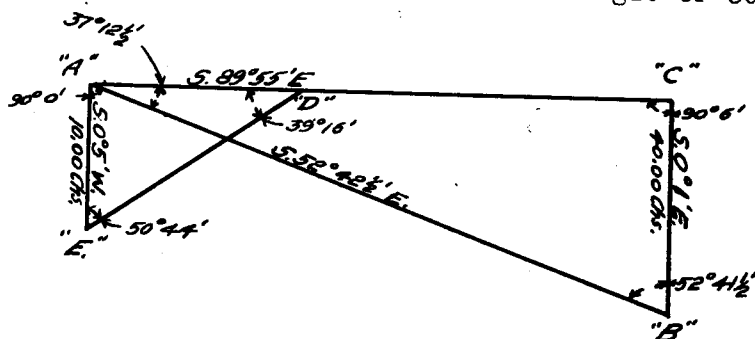
N. 89° 56' E. on random line bet. secs. 26 and 35.

Chains.

27.31 Break of mesa land, bears N. and S. On account of high perpendicular sandstone ledges over which I cannot chain I triangulate as follows:

The cor. of secs. 25, 26, 35, and 36 is visible from this point, the bearing to which is S. $89^{\circ} 55'$ E. The $\frac{1}{2}$ sec. cor. bet. secs. 35 and 36 is also visible, the bearing to which is S. $52^{\circ} 42\frac{1}{2}'$ E. Then, designate this point "A", the cor. of secs. 25, 26, 35, and 36 point "C", and the $\frac{1}{2}$ sec. cor. secs. 35 and 36 point "B". The bearing of the line B-C is S. $0^{\circ} 1'$ E. and the distance is 40.00 chs. From point "A" side B-C subtends an angle of $37^{\circ} 12\frac{1}{2}'$, from point "B" side A-C subtends an angle of $52^{\circ} 41\frac{1}{2}'$, and from point "C" side A-B subtends an angle of $90^{\circ} 6'$. The angle of elevation from point "A" to point "C" is $1^{\circ} 38'$.

Then, from point "A" set flag at base of ledges S. $89^{\circ} 55'$ E. designated point "D", the angle of depression to which is $17^{\circ} 3'$. Then, from point "A" measure base line S. $0^{\circ} 5'$ W. 10.00 chs. to point designated "E". From point "A" side D-E subtends an angle of $90^{\circ} 0'$, from point "D" side A-E subtends an angle of $39^{\circ} 16'$, and from point "E" side A-D subtends an angle of $50^{\circ} 44'$.



Triangulated distance, point "A" to point "C"	52.61 chs
Distance east to point "A"	27.31
Distance of mile	79.92 chs.
Difference in elevation, point "A" to point "C"	100 ft.
Triangulated distance, point "A" to point "D"	12.23 chs.
Distance east to point "A"	87.31 chs.
Distance east to point "D"	39.54 chs.
Difference in elevation, point "A" to point "D"	250 ft.

Thence,

From the cor. of secs. 25, 26, 35, and 36, point "C" of triangulation.

Chains.

N. 89° 58' W. on true line bet. secs. 26 and 35.

Showing approximate topography.

Over rolling mesa land through scattering scrub timber and scattering undergrowth.

15.00 Break of mesa land, bears NE. and SW. Desc. rocky NW. slope.

20.00 Head of rocky draw, 50 ft. below break of mesa, drains S". Asc. rocky SE. slope.

30.00 Point of mesa spur, 50 ft. above rocky draw, projects SW. Desc. W. slope over perpendicular sandstone ledges.

39.96 True point for the $\frac{1}{4}$ sec. cor. falls on face of perpendicular sandstone ledge. Impracticable to set monument at this point or to mark true point for cor. as it falls in an inaccessible place.

40.38 Point "D" of triangulation bears north $3\frac{1}{2}$ lks. dist.

40.38 On true line, near base of ledges, 350 ft. below point of mesa spur.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) marked on exposed bedrock, supported by a large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S 26
 $\frac{1}{4}$ ————— WC
S 35
1924

No other suitable accessories available.

41.00 Head of rocky draw, 10 ft. below witness cor., drains S. Continue across level bottom land.

45.66 Base of impassable ledges, bears NE. and SW. Asc. E. slope over same.

52.61 Point "A" of triangulation bears north $4\frac{1}{2}$ lks. dist. Break of mesa land bears N. and S. 260 ft. above head of rocky draw. Continue over rolling mesa land.

79.92 The cor. of secs. 26, 27, 34, and 35.

Land, rough broken ledges, rolling mesa, and bottom land. Soil, rocky, sandy. 3rd. and 4th. rate. Timber, scattering scrub juniper and pinon. Undergrowth, scattering black brush, amole plant, and

Chains.

mountain rush.
Too rough for grazing land.

S. $0^{\circ} 1'$ E. bet. secs. 34 and 35, on true line.

Over rolling mesa land through scattering growth of small
desert brush.

20.10 Break of rolling mesa land, bears NE. and SW. Desc. rock
SE. slope.

29.00 Rocky draw, 60 ft. below break of mesa land, drains SW.
Continue along W. slope along base of ledges.

40.00 On rocky W. slope.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X)
marked on exposed bedrock, supported by a mound of
stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 34 | S 35
 1924

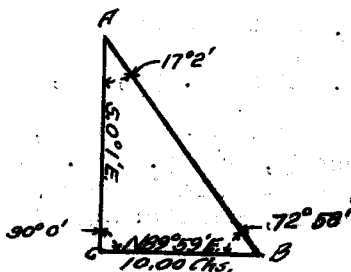
No other suitable accessories available.

From the $\frac{1}{4}$ sec. cor. asc. rocky NW. slope.

46.00 Break of mesa, 60 ft. above the $\frac{1}{4}$ sec. cor., bears NE.
and SW. Continue across top of narrow mesa spur.

46.96 Break of mesa, spur, bears NE. and SW. On account of high
perpendicular sandstone ledges to the south over which
I cannot chain I triangulate as follows:

Designate this point "A" and set a point on line S. $0^{\circ} 1'$
designated point "C", Then from point "C" measure base
line N. $89^{\circ} 59'$ E. 10.00 chs. to point designated "B".
From point "A" side B-C subtends an angle of $17^{\circ} 2'$,
from point "B" side A-C subtends an angle of $72^{\circ} 58'$,
and from point "C" side A-B subtends an angle of $90^{\circ} 0'$.
The angle of depression from point "A" to point "C" is
 $7^{\circ} 35'$.



Subdivision of T. 43 S., R. 15 E.

Chains

Distance on true line to point "A" 46.96 chs.

Distance by triangulation, points "A" to "C" 32.64

Distance on true line to point "C" 79.60 chs.

Difference in elevation from "A" to "C" is 290 ft.

Thence, by chaining

79.71

Intersect Utah-Arizona State Boundary line, 17.59 chs.,
N. 89° 44' E. of the 211th mile post, hereinbefore
described.

At point of intersection, on broken SE. slope

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
in the ground, for the closing cor. of secs. 34 and
35, with brass cap marked

UTAH	
CC	
T 43 S	R 15 E
S 34	S 35
ARIZ	
1924	

from which

A juniper, 12 ins. in diam., bears N. 27½° E., 134
lks. dist., marked T 43 S R 15 E S 35 CC P T.

A juniper, 14 ins. in diam., bears N. 7½° W., 165
lks. dist., marked T 43 S R 15 E S 34 CC P T.

Land, rolling and broken.

Soil, rocky, sandy and gravelly; 3rd and 4th rate.

Timber, scattering juniper and piñon pine.

Undergrowth, black brush, mountain rush and amole plant.

Poor grazing.

From the cor. of secs. 3, 4, 33 and 34, on the north
boundary of the township, which is an iron post, 2 ins.
in diam., set 8 ins. in the ground and in a mound
of stone, marked and witnessed as described in the
notes of T 42 S., R. 15 E.

S. 0° 2' E., on a true line, bet. secs. 3 and 4.

Subdivision of T. 43 S., R. 15 E.

Chains	
.	Over rolling and broken desert land, thru medium undergrowth. Desc. 20 ft. along broken E. slope of Train Monument,
36.00	Foot of broken E. slope of Train Monument, bears NE. and SW.; continue over rolling desert land.
40.00	On rolling desert land
	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ | \\ S \quad 4 \quad | \quad S \quad 3 \\ | \\ 1924 \end{array}$
	Deposit a sandstone, 10x5x3 ins., marked with a cross(X), at the base of the post.
	No other suitable accessories available and pits impracticable.
72.00	Swale, drains W. Continue over rolling desert land.
80.00	On rolling desert land
	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground. for the cor. of secs. 3, 4, 9 and 10, with brass cap marked
	$\begin{array}{c} T \ 43 \ S \quad R \ 15 \ E \\ \\ S \ 4 \quad | \quad S \ 3 \\ S \ 9 \quad | \quad S \ 10 \\ \\ 1924 \end{array}$
	Deposit a sandstone, 6x5x4 ins., marked with a cross (X), at the base of the post.
	No other accessories available and pits impracticable.
	Land, rolling and broken desert land.
	Soil, sandy; 3rd rate.
	Timber, none.
	Undergrowth, black brush, mountain rush and amole plant.
	Fair grazing.

Subdivision of T. 43 S., R. 15 E.

40.00

East, on a random line, bet. secs. 3 and 10.

Set temp. $\frac{1}{4}$ sec. cor.,

80.04

Intersect N. and S. line, 12 lks. N. of the cor. of
secs, 2, 3, 10 and 11.

Thence

N. 89° 55' W., on a true line, bet. secs. 3 and 10.

Over gently rolling desert land, thru medium undergrowth.

40.02

On gently rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 3 \\ \hline \text{S } 10 \end{array}$$

1924

Deposit a sandstone, 6x6x5 ins., marked with a
cross, (X), at the base of the post.

No other suitable accessories available and pits
impracticable.

Continue over gently rolling land.

80.04

The cor. of secs. 3, 4, 9 and 10.

Land, gently rolling desert land; general image SW.

Soil, sandy loam; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

S. 0° 2' E., bet. secs. 9 and 10.

Over gently rolling desert land, thru medium under-
growth.

0.00

Wash, 50 lks. wide, 6 ft. deep, course NW.

0.00

On gently rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

Subdivision of T. 43 S., R. 15 E.

Chains

$\frac{1}{2}$
 S 9 | S 10
 1924

Deposit a sandstone, 6x4x4 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable

Continue over gently rolling desert land

30.00

On gently rolling desert land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked

T 43 S R 15 E

S 9 | S 10
 S 16 | S 15

1924

Deposit a sandstone, 8x6x4 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable

Land, rolling desert land; general drainage NW.

Soil, sandy loam; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

40.00

S. 39° 55' E., on a random line, bet. secs. 10 and 15.

Set temp. $\frac{1}{4}$ sec. cor.

79.96

Intersect N. and S. line, 18 lks. S. of the cor. of secs. 10, 11, 12 and 13.

Thence

S. 89° 57' W., on a true line, bet. secs. 10 and 15

Over gently rolling desert land, thru medium undergrowth.

Subdivision of T, 43 S., R. 15 E.

Chains

25.90 Large wash, 40 lks. wide, 6 ft. deep, course NW.

59.98 On gently rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ S 10
S 15
1924

Deposit a sandstone, 4x4x3 ins., marked with a

cross, (X), at the base of the post. No other practicable accessories available.

Continue over gently rolling land.

79.96 The cor. of secs. 9, 10, 15 and 16.

Land, gently rolling desert land; general drainage NW.

Soil, sandy loam; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain
rush.

Fair grazing.

S. 0° 2' E., bet. secs. 15 and 16.

Over gently rolling desert land, thru medium under-
growth.

40.00 On gently rolling land.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
S 16 | S 15
1924

Deposit a sandstone, 8x6x2 ins., marked with a

cross, (X), at the base of the post. No other practicable accessories available.

Continue over gently rolling desert land.

80.00 On gently rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

Chains

in the ground, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked

T 43 S R 15 E

S 16	S 15
S 21	S 22

1924

Deposit a sandstone, 8x7x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable
Land, gently rolling; general drainage N.

Soil, sandy loam; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant
Fair grazing.

40.00

N. 39° 57' E., on a random line, bet. secs. 15 and 22
Set temp. 1/4 sec. cor.

30.06

Intersect N. and S. line, 12 lks. N. of the cor. of
secs. 14, 15, 22 and 23.

Thence

N. 89° 58' W., on a true line, bet. secs. 15 and 22.
Over gently rolling desert land, thru medium under-
growth.

40.03

On gently rolling land
Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the 1/4 sec. cor., with brass cap
marked

S 15
1/4
S 22

1924

Deposit a sandstone, 4x4x2 ins., marked with a
cross, (X), at the base of the post.

No other practicable accessories available.
Continue over gently rolling desert land.

30.06

The cor. of secs. 15, 16, 21 and 22

Subdivision of T. 43 S., R. 15 E.

Chains

Land, gently rolling desert land; general drainage N.

Soil, sandy; 3rd rate.

Timber, none.

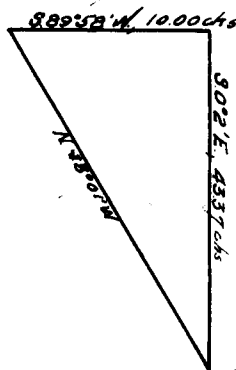
Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

S. $0^{\circ} 2'$ E., bet. secs. 21 and 22.

Over rolling desert and broken mesa land, thru medium undergrowth.

In order to get a good base, of sufficient length, in a place that I am able to see the top of the rim, which is approximately 150 ft. high, I triangulate from the cor. of secs. 15, 16, 21 and 22, as follows; vertical angle to flag on top of mesa, on true line is plus $5^{\circ} 55'$; auxiliary flag, bears S. $99^{\circ} 58'$ W., 10.00 chs. dist.; from flag on true line, on top of mesa, auxiliary flag, bears N. $13^{\circ} 01'$ W.; all bearing checked by direct reading of the solar and all angles checked by deflection:



From the cor. of secs. 15, 16, 21 and 22 00.00 chs.

Dist. by triangulation 43.37 ✓

43.37

Distance by return measurement 3.37

40.00 chs.

Approximate items of topography on this line are as follows:

25.00

Foot of steep rocky NW. slope, bears NE. and SW.; asc.

Subdivision of T. 43 S., R. 15 E.

Chains

40.00

300 ft. over high and broken rim and ledges which are impracticable to chain. Then at
Determined by triangulation and measurement, on steep rocky W. slope
Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X), chiseled in the solid surface rock, and 36 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S 21 | S 22
 1924

No other suitable accessories available.

43.35

Top of steep general NW. slope, bears NE. and SW.; continue over rolling top of mesa.

80.00

On rolling top of mesa
Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 21, 22, 27 and 28, with brass cap marked

T 43 S R 15 E

S 21 | S 22
 S 28 | S 27

1924

Deposit a sandstone, 8x6x4 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable
Land, rolling and steep and broken.

Soil, sandy, on rolling land, and very rocky on steep slopes; 3rd and 4th rate.

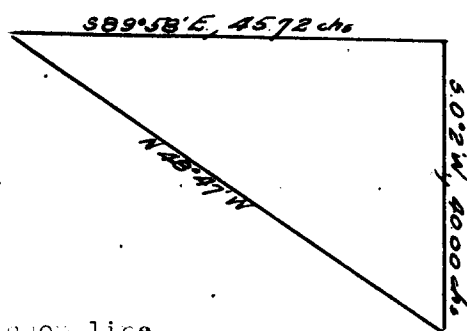
Timber, none, except a very few scattering juniper and pinon pine on top of mesa.

Undergrowth, black brush, amole plant and mountain rush.

Fair grazing except on steep slopes.

S. 89° 58' E., on a random line, bet. secs. 22 and 27.

Set temp. witness corner for sec. cor., on rim of mesa at the top of a precipitous NE. slope, over which I am unable to chain, therefore I triangulate as follows: Vertical angle to flag on random line, which is 5 lks. S. of the cor. of secs. 22, 23, 26 and 27, is plus 5° 37'; leave flag on random line at the 31.32 chain point; from the flag on random line, 5 lks. S. of sec. cor., auxiliary flag; bears S. 0° 2' E., 40 chs. dist.; from auxiliary flag, flag on random line at 31.32 chs. bears N. 48° 47' W.; all bearings checked by direct reading of the solar and all angles checked by deflection



Distance on random line	31.32 chs.
distance by triangulation	<u>45.7 chs.</u>
	10.04 chs.

80.04 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence

Test on a true line, bet. secs. 22 and 27.

Over rolling land and precipitous slopes, thru cedar undergrowth. Over rolling land.

30.00 Foot of steep precipitous and rocky NE. slope, bears NW. and SE.; asc. 300 ft. over cliffs and ledges which are inaccessible on or near line.

40.02 True point for sec. cor. falls on an inaccessible place, so at

45.72 On top of rim of mesa

Set an iron post, 3 ft. long, 1 in. in diam., on a large mound of stone, over

Chains

a cross, (X), chiseled in the solid surface rock, for the witness 1 sec. cor., with brass cap marked

S 22 W
S 27 C

1924

No other accessories available.

Continue over rolling top of mesa, thru very scattering timber.

21.00 The cor. of secs. 21, 22, 27 and 23.

Land, rolling and steep; rocky and precipitous slopes.

Soil, sandy and rocky; 3rd and 4th rate.

Timber, very scattering juniper on top of mesa.

Undergrowth, black brush, mountain rush and amole plant.

W. grazing.

S. 0° 3' E., bet. secs. 27 and 23.

Over rolling top of mesa, thru scattering timber and in undergrowth.

Over rolling top of mesa, near N. rim of canon, herein-
after described

Set an iron post, 3 ft. long, 1 in. in diam., over
a cross, (X), chiseled in the solid surface rock,
and in a large round of stone, for the 1 sec. cor.,
with brass cap marked

S 22 W
S 27 C

1924

from 1130

A juniper, 3 ins. in diam., bears S. 72½° E.

117 l. dist., marked 1 S 27 E T.

A juniper, 6 ins. in diam., bears S. 80° W.,

47 l. dist., marked 1 S 23 E T.

22.00 N. rim of canon, bears NE. and SW.; desc. 46 ft. over
broken, precipitous, and rocky SE. slope.

Subdivision of T. 43 S., R. 15 E.

Chains

62.90 Bottom of canon, 2 chs, wide, course SW.; asc. 170 ft.
over precipitous NW. slope.

80.00 On precipitous NW. slope.
Set an iron post, 3 ft. long, 2 ins. in diam., over
a cross, (X), chiseled in the solid surface rock,
and in a large mound of stone, for the cor. of secs.
27, 28, 33 and 34, with brass cap marked

T 43 S R 15 E

S 28 | S 27

S 33 | S 34

1924

No suitable accessories available.

Land, rolling, and rough and broken.

Soil, sandy, gravelly and rocky; 3rd and 4th rate.

Timber, scattering juniper.

Undergrowth, black brush, ample plant and mountain
rush.

Poor grazing on account of the precipitous slopes.

East, on a random line, bet. secs. 27 and 34

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 19 lks. N. of the cor. of secs.
26, 27, 34 and 35.

Thence

N. $89^{\circ} 52'$ W., on a true line, bet. secs. 27 and 34.

Over rolling top of mesa, thru scattering timber and
medium undergrowth.

39.94 On rolling top of mesa

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins.
in the ground, and in a mound of stone, for the
 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S. 27

S 34

1924

Chains			
	<p>from which</p> <p>A juniper, 8 ins. in diam., bears S. $32\frac{1}{2}^{\circ}$ W., 150 lks. dist., marked $\frac{1}{4}$ S 34 B T.</p> <p>No other accessories available.</p> <p>Continue over rolling top of mesa; desc. 50 ft.</p>		
66.20	<p>S. rim of canon, bears NE. and SW.; desc. 320 ft. over precipitous NW. slope to sec. cor.</p>		
79.83	<p>The cor. of secs. 27, 28, 33 and 34.</p> <p>Land, rolling top of mesa and precipitous slope.</p> <p>Soil, sandy, gravelly and rocky; 3rd and 4th rate.</p> <p>Timber, scattering juniper.</p> <p>Undergrowth, black brush, amole plant and mountain rush.</p> <p>Fair grazing.</p>		
	<p>S. $0^{\circ} 2'$ E., bet. secs. 33 and 34.</p> <p>Over rough, broken and rolling land, thru scattering timber and medium undergrowth. Asc. 290 ft. over precipitous NW. slope, over cliffs and ledges.</p>		
7.50	<p>S. rim of canon, bears NE. and SW.; continue over rolling mesa or flat top ridge</p>		
24.20	<p>Top of flat top ridge, bears NE. and SW.; continue over rolling top.</p>		
40.00	<p>On rolling flat top ridge</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X), chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked</p>		
	<div style="text-align: center;"> $\frac{1}{4}$ <table style="margin: auto;"> <tr> <td>S 33</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">S 34</td> </tr> </table> <p>1924</p> </div> <p>from which</p> <p>A juniper, 8 ins. in diam., bears N. $14\frac{1}{2}^{\circ}$ W., 217 lks. dist., marked $\frac{1}{4}$ S 33 B T.</p>	S 33	S 34
S 33	S 34		

Subdivision of T. 43 S., R. 15 E.

Chains

No other accessories available.

44.40 Leave flat top ridge, bears NE. and SW.; desc. 450 ft.
'over broken SE. slope.'

70.00 Bottom of 'canon', course SW.; asc. 35 ft. over large
sandstone dome.

76.75 Top of sandstone dome; desc. 35 ft. to sec. cor.

79.97 Intersect Utah-Arizona State Boundary Line, 17.26 chs.,
N. 89° 58' E. of the 210th mile cor., hereinbefore
described.

At point of intersection, at foot of sandstone dome
Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
in the ground, for the closing cor. of secs. 33 and
34, with brass cap marked

UTAH	
CC	
T 43 S	R 15 E
<u>S 33</u>	<u>S 34</u>
ARIZ	
1924	

from which

A juniper, 12 ins. in diam., bears N. 14½° E.,
163 lks. dist., marked T 43 S R 15 E S 34 CC BT.

A juniper, 14 ins. in diam., bears N. 21½° W.,
130 lks. dist., marked T 43 S R 15 E S 33 CC B T.

Land, 'broken mesa' land.

Soil, rocky, gravelly and sandy; 4th rate.

Timber, scattering juniper.

Undergrowth, black brush, mountain rush and amole plant.

Poor grazing.

From the cor. of secs. 4, 5, 32 and 33, on the north

boundary of the township, which is an iron post, 2 ins.
in diam., 8 ins. above the ground, marked and witness-
ed as described in the notes of T. 42 S., R. 15 E.

S. 0° 3' E., on a true line, bet. secs. 4 and 5.

Subdivision of T. 43 S., R. 15 E.

Chains

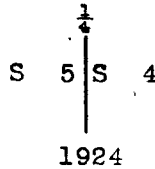
40.00

Over rolling desert land, thru medium undergrowth.

On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 8x6x4 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable

Continue over rolling desert land.

43.00

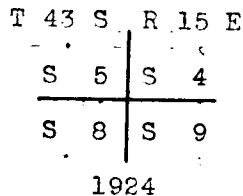
Wash, 20 lks. wide, 4 ft. deep, course NW.; continue over rolling desert land.

50.00

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

in the ground, for the cor. of secs., 4, 5, 8 and 9, with brass cap marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of the post.

No other accessories available.

Land, rolling desert land.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant

Fair grazing.

40.00

East, on a random line, bet. secs. 4 and 9.

Set temp. $\frac{1}{4}$ sec. cor.

30.00

Intersect N. and S. line, at the cor. of secs. 3, 4,

and 10.

West, on a line, bet. secs. 4 and 9.

Over rolling desert land, thru medium undergrowth.

Wash, 50 lks. wide, 5 ft. deep, course NW.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S \quad 4 \\ \hline S \quad 9 \end{array}$$

1924

Deposit a sandstone, 6x4x4 ins., marked with a cross, (X), at the base of the post. No other practicable accessories available. Continue over rolling land.

45.00 South end of Train Monument, bears N., 35. chs. dist.

80.00 The cor. of secs. 4, 5, 8 and 9.

Land, rolling desert land.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and mole plant.

Fair grazing.

S. 0° 3' E., bet. secs. 8 and 9.

Over rolling land, thru medium undergrowth.

8.80 Wash, 20 lks. wide, 2 ft. deep, course NW.

25.00 Wash, 15 lks. wide, 1 ft. deep, course NE.

40.00 On rolling desert land,

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S \quad 8 \quad S \quad 9 \end{array}$$

1924

Subdivision of T. 43 S., R. 15 E.

Chains

Deposit a sandstone, 5x4x3 ins., marked with a cross, (X), at the base of the post. No other practicable accessories available. Continue over rolling desert land.

80.00-

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T 43 S R 15 E

S 18	S 19
S 17	S 16

1924

Deposit a sandstone, 5x4x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available at the corners and pits were impracticable.

Land, rolling desert land.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

East, on a random line, bet. secs. 9 and 16

40.00

Set temp. 1/4 sec. cor.

80.04

Intersect N. and S. line, at the cor. of secs. 9, 10, 16 and 16;

Thence

West, on a true line, bet. secs. 9 and 16.

Over rolling desert land, thru medium undergrowth.

40.02

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

Remains

S 9
 $\frac{1}{4}$
 S 16
 1924

Deposit a sandstone, 10x6x4 ins., marked with a cross, (X) at the base of the post.

No other accessories available and pits impracticable.

Continue over rolling desert land.

89.04 The cor. of secs. 8, 9, 16 and 17.

Land, rolling desert land; general drainage NW.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush, amole plant and very sparse grass.

Fair grazing.

S. 0° 3' E., bet. secs. 16 and 17.

Over rolling desert and high rolling and broken mesa.

20.00 In order to continue measurement over a perpendicular cliff, 300 ft. high, and is approximately 6.00 chs.

S. of this point on line, I offset as follows:

West, 10.00 chs. Break in high, cliff, which makes it bear S. 60° E. and S.

S. 0° 3' E., 20 chs. At this point cliff, breaks again and bears N. and E.

East, 10.00 chs to

40.00 On true line bet. secs. 16 and 17.

On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X), chiseled in the solid surface rock, and raise a large mound of stone, for the sec. cor., with brass cap marked

1
 S 17 | S 16
 1924

Subdivision of T. 43 S., R. 15 E.

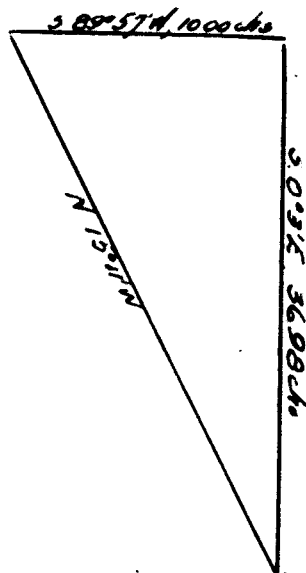
Chains

from which

A juniper, 6 ins. in diam., bears S. $79\frac{1}{2}^{\circ}$ W.,
258 lns. dist., marked S 17 R T.

No other accessories available.

In order to continue measurement over inaccessible cliffs and ledges to top of mesa, I triangulate from the sec. cor. as follows; vertical angle to flag on line is plus $6^{\circ}56'$; auxiliary flag, bears S. $89^{\circ}57'$ 10.00 chs. dist.; from flag on line auxiliary flag bears N. $15^{\circ}11'$ W.; all bearings checked by direct reading of the solar and all angles checked by reflection:



Distance on line 40.00 chs.

Distance by triangulation 36.98 chs.

76.98 chs.

Approximate distances to items of topography on line

70.00 Foot of a series of perpendicular cliffs, bear NE. and W.; thence by true distances

77.00 Top of cliffs and ledges, which is 300 ft. above $\frac{1}{4}$ sec. cor., bears NE. and W.; continue over rolling top of mesa

80.00 On rolling top of mesa

Subdivision of T. 43 S., R. 15 E.

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, (X), chiseled in the solid surface rock, and in a large mound of stone, for the cor., of secs. 16, 17, 20 and 21, with brass cap marked

T 43 S R 15 E

S 17	S 16
S 20	S 21

1924

No other accessories available.

Land, rolling desert land and broken mesa land.

Soil, sandy and rocky; 3rd and 4th rate.

Timber, none.

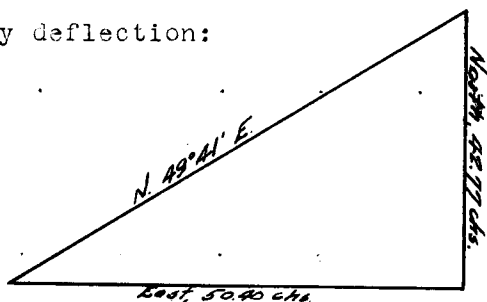
Undergrowth, black brush, mountain rush, and amole plant.

Fair grazing.

East, on a random line, bet. secs. 16 and 21.

29.44

Top of a series of perpendicular cliffs and ledges, over which I am unable to chain; vertical angle to flag on random line, 9 lks. N. of the cor. of secs. 15, 16, 21 and 22, is $5^{\circ} 06'$; auxiliary flag bears N. $49^{\circ} 41'$ E.; from flag on random line, auxiliary flag bears North, 42.77 chs. dist.; all bearings checked by direct reading of the solar and all angles checked by deflection:



Distance on random line-----29.44 chs.

Distance by triangulation-----50.40 ✓

79.84

Distance by return measurement ----- 39.84

40.00

40.00

Set temp. $\frac{1}{4}$ sec. cor.

Chains

79.84 Intersect N. and S. line, 9 lks. N. of the cor. of
secs. 15, 16, 21 and 22.

Thence

N. 89° 58' W., on a true line, bet. secs. 16 and 21.

Over rolling desert land, thru medium undergrowth.

39.92 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over
an X, chiseled in the solid surface rock, and in a
large mound of stone, for the $\frac{1}{4}$ sec. cor., with
brass cap marked

S 16
 $\frac{1}{4}$ ———
S 21

1924

No other accessories available.

42.00 Base of perpendicular cliffs and ledges bears N. and S.
asc. 300 ft.

50.40 Top of cliffs and ledges, bears N. and S.; continue
over rolling top of mesa.

79.84 The cor. of secs. 16, 17, 20 and 21.

Land, rolling and broken.

Soil, sandy, rocky and gravelly; 3rd and 4th rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.;
fair grazing.

S. 0° 3' E., bet. secs. 20 and 21.

Over rolling top of mesa, thru medium undergrowth.

40.00 On rolling top of mesa

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
S 20 | S 21
1924

Deposit a sandstone, 6x4x3 ins., marked with a

Subdivision of T. 43 S., R. 15 E.

Chains

cross, (X), at the base of the post.

No other accessories available and pits impracticable.

80.00 Enter very scattering timber, bears E. and W.

80.00 On rolling top of mesa

Set an iron post, 3 ft. long, 2 ins. in diam., over
a cross, (X), chiseled in the solid surface rock,
and in a large mound of stone, for the cor. of secs.
20, 21, 28 and 29, with brass cap marked

T 43 S R 15 E

S 20	S 21
S 29	S 28

1924

from which

A juniper, 8 ins. in diam., bears N. 40° E.,
114 lks. dist., marked T 43 S R 15 E S 21 B T.

A juniper, 6 ins. in diam., bears S. $41\frac{1}{2}^{\circ}$ E.,
70 lks. dist., marked T 43 S R 15 E S 28 B T.

A juniper, 6 ins. in diam., bears S. $54\frac{1}{2}^{\circ}$ W.,
129 lks. dist., marked T 43 S R 15 E S 29 B T.

A juniper, 8 ins. in diam., bears N. $13\frac{1}{2}^{\circ}$ W.,
194 lks. dist., marked T 43 S R 15 E S 20 B T.

Land, rolling top of mesa.

Soil, rocky, gravelly and sandy; 4th rate.

Timber, very scattering juniper.

Undergrowth, black brush, mountain rush, and amole plant.

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line, 9 lks. N. of the cor. of
secs. 21, 22, 27 and 28.

Thence

N. $89^{\circ} 52'$ W., on a true line, bet. secs. 21 and 28.

Over rolling top, of mesa, thru very scattering timber
and medium undergrowth.

Subdivision of T. 43 S., R. 15 E.

Chains	
39.95	<p>On rolling top of mesa</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	<p style="text-align: center;">S 21 $\frac{1}{4}$ S 28 1924</p>
	<p>Deposit a sandstone, 7x4x4 ins., marked with a cross, (X), at the base of the post.</p>
	<p>No other accessories available and pits impracticable</p>
	<p>Continue over rolling top of mesa.</p>
79.90	<p>The cor. of secs. 20, 21, 28 and 29.</p>
	<p>Land, rolling top of mesa.</p>
	<p>Soil, sandy and gravelly; 3rd rate.</p>
	<p>Timber; a very few scattering juniper.</p>
	<p>Undergrowth, black brush, mountain rush and amole plant fair grazing.</p>
	<p>S. 0° 3' E., bet. secs. 28 and 29.</p>
	<p>Over rolling top of mesa and broken slopes, thru scattering timber and medium undergrowth.</p>
30.00	<p>Edge of mesa, bears E. and W.; desc. over broken precipitous S. slope 200 ft. to $\frac{1}{4}$ sec. cor.</p>
40.00	<p>At the foot, of a ledge, 50 ft. high, faces SW.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X); chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	<p style="text-align: center;">$\frac{1}{4}$ S 29 | S 28 1924</p>
	<p>No other accessories available.</p>
	<p>Slope changes to broken precipitous W. slope. Desc. 225 ft. to sec. cor.</p>
30.00	<p>On broken W. slope</p>

Subdivision of T. 43 S., R. 15 E.

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., over
a cross, (X), chiseled in the solid surface rock,
and in a large mound of stone, for the cor. of secs.
23, 29, 32 and 33, with brass cap marked

T 43 S	R 15 E
S 29	S 28
S 32	S 33
1924	

from which

A juniper, 4 ins. in diam., bears N. 1° E.,

31 lks. dist., marked T 43 S R 15 E S 28 P T.

A juniper, 4 ins. in diam., bears S. $13\frac{1}{2}^{\circ}$ E.,

89 lks. dist., marked T 43 S R 15 E S 33 P T.

A juniper, 3 ins. in diam., bears S. $6\frac{1}{2}^{\circ}$ W.,

263 lks. dist., marked T 43 S R 15 E S 32 P T.

A juniper, 3 ins. in diam., bears N. 73° W.,

399 lks. dist., marked T 43 S R 15 E S 29 P T.

Land, rolling and broken slopes of mesa.

Soil, rocky and gravelly; alk. rate.

Timber, scattered juniper and pinon pine.

Undergrowth h. black brush, crole plant and mountain rush.

Fair grazing on top and poor on the slopes of mesa.

S. $89^{\circ} 52'$ E., on a random line, bet. secs. 23 and 33.

In order to obtain measurement over a series of broken
and precipitous cliffs and ledges, I offset as follows:

From the cor. of secs. 23, 29, 32 and 33

S. $0^{\circ} 3'$ E. 15.01 chs.

S. $89^{\circ} 52'$ E. 23.60 chs.

N. $0^{\circ} 3'$ W. 15.01 chs. to

23.60 Point on random line.

40.00 Set temp. sec. cor.

79.82 Intersect N. and S. line, 5 lks. S. of the cor. of secs.

27, 28, 33 and 34.

Thence

N. $89^{\circ} 54'$ W., on a true line, bet. secs. 28 and 33

Subdivision of T. 43 S., R. 15 E.

Chains	Over very rough and broken land, thru scattering timber and medium undergrowth. Desc. 180 ft. over steep and broken precipitous slope, facing to the NW.	
10.00	Foot of slope, bears NE. and SW.; continue over rolling land.	
37.30	Wash, 30 lks. wide, 5 ft. deep, course SW.	
39.91	On rolling land	
	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the sec. cor., with brass cap marked	
		S 28
		S 33
		1924
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of the post.	
	No other accessories available and pits impracticable.	
48.80	Wash, 10 lks. wide, 2 ft. deep, course S.; continue over rolling land.	
56.22	Point of offset:	
	S. 0° 3' E., 15.02 chs.	N. bank of wash, 30 lks. wide, 3 ft. deep, drains SW.
	N. 89° 52' W., 23.60 chs.	Foot of precipitous S. slope.
	N. 0° 3' W., 15.01 chs.	Asc. 185 ft. on the line to 8.25 chs., to projection of mesa, thence desc. 110 ft. over NW. slope to
79.82	On true line, at the cor. of secs. 28, 29, 32 and 33.	
	Land, rolling and broken.	
	Soil, sandy, rocky and gravelly; 3rd and 4th rate.	
	Timber, very scattering juniper.	
	Undergrowth, black brush, amole plant and mountain rush.	
	Fair grazing in certain areas along line.	

N. 68° 34' E., bet. secs. 32 and 33.

Over rough and broken land, thru scattering timber,
and medium undergrowth. Asc. 110 ft. over cliffs
and ledges faces NW.

8.75 Top of projection of mesa, projects SW.; desc. 185 ft.
over broken SE. slope.

15.00 Foot of steep slope, bears NE. and SW.; thence over
rolling land.

40.00 On rolling land
Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the sec. cor., with brass cap
marked

1
S 32 | S 33
1924

from which

A juniper, 10 ins. in diam., bears S. 30° W.,
170 lks. dist., marked S 32 E T.

No other accessories available and pits impracticable.

41.00 Wash, course SW., and is 30 lks. wide and 3 ft. deep;
Continue over rolling land.

70.00 Rocky point, bears E., 5 chs. dist.

79.91 Intersect Utah-Arizona State Boundary line, 17.55 chs.
N. 89° 58' E., of the 209th mile post, hereinbefore
described.

At point of intersection, on rolling land.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
in the ground, for the closing cor. of secs. 32 and
33, with brass cap marked

UTAH
CC
T 43 SR 15 E
S 32S 33

ARIZ
1924

Deposit a sandstone, 6x4x3 ins., marked with

Subdivision of T..43 S., R. 15 E.

Chains.

a cross, (X), at the base of the post.

No other accessories available and pits impracticable.

Land, rough and broken.

Soil, sandy, gravelly and rocky; 3rd and 4th rate.

Timber, very scattering juniper.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing except on slopes where it is poor.

From the cor. of secs. 5, 6, 31 and 32, on the north boundary of the township, which is an iron post, 2 ins. in diam., and 3 ins. above the ground, marked and witnessed as described in the field notes of T. 42 S., R. 15 E.

S. 0° 3' E., on a true line, bet. secs. 5 and 6.

Over rolling land, thru medium undergrowth.

40.00

On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{2} \\ S \quad 6 \quad | \quad S \quad 5 \\ \hline 1924 \end{array}$$

Deposit a sandstone, 7x6x2 ins., marked with a cross, (X), at the base of the post.

No other accessories available, and pits impracticable.

Continue over rolling land.

80.00

On rolling desert land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 5, 6, 7 and 8, with brass cap marked

$$\begin{array}{c} T \ 43 \ S \quad R \ 15 \ E \\ S \ 6 \quad | \quad S \ 5 \\ \hline S \ 7 \quad | \quad S \ 8 \\ \hline 1924 \end{array}$$

Subdivision of T. 43 S., R. 15 E.

Chains

Deposit a sandstone, 8x6x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable.

Land, rolling desert land; general drainage NE.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

East, on a random line, bet. secs. 5 and 8.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line, 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S. 89° 58' W., on a true line, bet. secs. 5 and 8.

Over rolling desert land, thru medium undergrowth.

Wash, course NW.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

	S	5
$\frac{1}{4}$	<hr/>	
	S	8

1924

Deposit a sandstone, 7x6x2 ins., marked with a

cross, (X), at the base of the post. No other practicable accessories available.

Continue over rolling desert land.

The cor. of secs. 5, 6, 7 and 8.

Land, rolling desert land; general drainage NE.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain rush.

Fair grazing.

Subdivision of T. 43 S., R. 15 E.

Chains

West, on a random line, bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.46 Intersect W. bdy of the township, 9 lks. N. of the
cor. of secs. 1, 6, 7 and 12; hereinbefore described.

Thence

N. $29^{\circ} 56'$ E., on a true line bet. secs. 6 and 7.

Over rolling desert land, thru medium undergrowth.

25.00 North point of mesa, bears S., 15.00 chs. dist.

33.46 On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

S 6

S 7

1924

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of the post.

Continue over rolling desert land.

78.46 The cor. of secs. 5, 6, 7 and 8.

Land, rolling desert land; general drainage NW.

Soil, sandy loam; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain rush.

Fair grazing.

S. $0^{\circ} 3'$ E., bet. secs. 7 and 8.

Over rolling and broken land, thru medium undergrowth.

33.50 Near the foot of high perpendicular cliff

Set an iron post, 3 ft. long, 1 in. in diam., over
a cross, (X), chiseled in the solid surface rock,
and in a large mound of stone, for the witness $\frac{1}{4}$
sec. cor., with brass cap marked

$\frac{1}{4}$

S 7 | S 8

WC

1924

Subdivision of T. 43 S., R. 15 E.

Chains

No other accessories available.

Thence in order to continue measurement, that is impossible
to continue on line, on account of high precipitous
projection of mesa, I offset as follows:

N. 0° 3' W., by return measurement	0.60 chs.
East	12.23
S. 0° 3' E.	47.25
West	12.23

to true point for the cor. of secs., 7, 8, 17 and 18.
Approximate distances to items of topography on true
line are as follows:

33.80	Base of perpendicular cliff, 300 ft. high, faces NE.
40.00	True point for sec. cor. falls on an inaccessible place in the precipitous breaks of the mesa, where it is impracticable to set cor.
50.00	Top of projection of mesa, projects E., 10 chs. dist.
70.00	Base of breaks of mesa, which is approximately 350 ft. below top of mesa, bears NE. and SW. Continue over rolling land.
80.00	On true point for cor. on rolling land Set an iron post, 3 ft. long, 2 ins. in diam., 23 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T 43 S R 15 E

S 7	S 8
S 18	S 17

1924

Deposit a sandstone, 6x6x4 ins., marked with a cross,
(X), at the base of the post.

No other accessories available.

Land, rolling desert, broken by high projection of
mesa.

Soil, sandy and very rocky on projection; 3rd and 4th

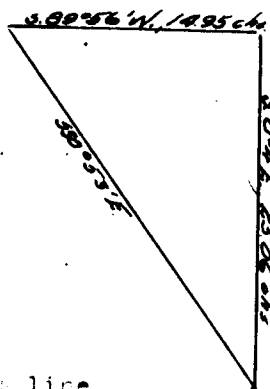
Subdivision of T. 43 S., R. 15 E.

Chains	<p>rate.</p> <p>Timber, none.</p> <p>Undergrowth, black brush, amole plant and mountain rush.</p> <p>Fair grazing except on projection where it is poor.</p>
40.00	<p>N. 89° 58' E., on a random line, bet. secs. 8 and 17</p> <p>Set temp. 1/4 sec. cor.</p>
79.78	<p>Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8, 9, 16 and 17.</p> <p>Thence</p> <p>West, on a true line, bet. secs. 8 and 17.</p> <p>Over rolling desert land, thru medium undergrowth.</p>
39.89	<p>On rolling desert land</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked</p> $\begin{array}{r} S \ 8 \\ \frac{1}{4} \hline S \ 17 \end{array}$ <p>1924</p> <p>Deposit a sandstone, 6x6x4 ins., marked with a cross, (X), at the base of the post.</p> <p>No other accessories available and pits impracticable.</p> <p>Continue over rolling desert land; general drainage N.</p>
79.78	<p>The cor. of secs, 7, 8, 17 and 18.</p> <p>Land, rolling desert land; general drainage N.</p> <p>Soil, sandy; 3rd rate.</p> <p>Timber, none.</p> <p>Undergrowth, black brush, amole plant and mountain rush.</p> <p>Fair grazing.</p>
	<p>S. 89° 56' W., on a random line, bet. secs. 7 and 18.</p> <p>It being imposible to chain West from this corner on</p>

Subdivision of T. 43 S., R. 15 E.

Chains

account of the inaccessible East breaks of mesa, I determine the distance to the top of the mesa by a triangulation as follows: Vertical angle to flag set on random line is plus 30° ; auxiliary flag, bears S. $0^\circ 4'$ E., 25.06 chs. dist.; from flag on random line, auxiliary flag bears S. $30^\circ 53'$ E.; distance of base determined by triangulation as shown on survey of line bet. secs. 17 and 18; all bearings checked by direct readings of the solar and all angles checked by deflection:



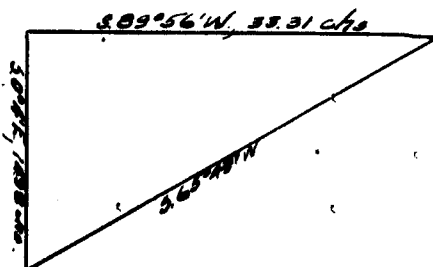
Distance on random line 0.00 chs.

Distance determined by triangulation 14.95

14.95 Point of triangulation. 14.95 chs.

40.00 Set temp. & sec. cor.

45.47 Rim of mesa, from which I am unable to continue chaining on account of accessible W. breaks of mesa, therefore I triangulate as follows: Vertical angle to flag on random line, which is 33 lks. S. of the cor. of secs. 7, 12, 13 and 18, is minus $12^\circ 41'$; auxiliary flag, bears S. $65^\circ 43'$ W.; from flag on random line, auxiliary flag, bears S. $0^\circ 4'$ E., 14.98 chs. dist.; all bearings checked by direct readings of the solar and all angles checked by deflection:



Subdivision of T. 43 S., R. 15 E.

Chains	
	Distance on random line 45.47 chs.
	Distance by triangulation <u>33.31</u>
	78.78 chs.
78.78	Intersect W. bdy. of the township, 33 lks. S. of the cor. of secs. 7, 12, 13 and 18.
	Thence
	S. 89° 50' E., on a true line, bet. secs. 7 and 18.
	Over steep, precipitous and broken breaks of mesa, and rolling top of mesa. Asc. 500 ft. over inaccessible W. breaks of mesa.
33.30	Rim of mesa, bears NE. and S ^W .; continue over rolling top of mesa.
38.78	On rolling top of mesa, 10.00 chs. S. of head of deep precipitous canon, course W.
	Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X), chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., 1th brass cap marked
	$\begin{array}{r} S \ 7 \\ \frac{1}{4} \hline S \ 18 \\ 1924 \end{array}$
	No other accessories available.
	Continue over rolling top of mesa.
62.80	East rim of mesa, bears N. and S.; desc. 500 ft. over precipitous E. breaks of mesa.
74.00	Foot of E. breaks of mesa, bears N. and S.; continue over rolling desert land. to sec. cor.
78.78	The cor. of secs. 7, 8, 17 and 18.
	Land, steep, broken and precipitous breaks of mesa and rolling top of mesa.
	Soil, rocky, gravelly and sandy; 4th rate.
	Timber, none.
	Undergrowth, black brush, amole plant and mountain

Subdivision of T. 43 S., R. 15 E.

Chains

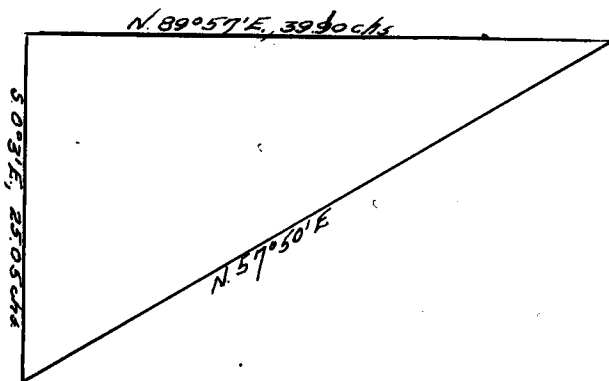
rush.

Poor grazing.

S. $0^{\circ} 3' E.$, bet. secs. 17 and 18.

Over rough broken and precipitous east breaks and rolling top of mesa.

In order to determine the distance over the inaccessible east breaks of mesa on line, I triangulate as follows: from the cor. of secs. 7, 8, 17 and 18, auxiliary flag, bears N. $89^{\circ} 57' E.$, 39.90 chs. dist.; from flag on top of rim of mesa, on line, auxiliary flag bears N. $57^{\circ} 50' E.$; vertical angle from cor. of secs. 7, 8, 17 and 18 to flag on top of mesa on line is plus $17^{\circ} 11'$; all angles checked by direct readings of the solar and all angles checked by deflection:



Distance on line 0.00 chs.

Distance by triangulation 25.05

25.05

Approximate distances to items of topography to top of mesa are as follows:

7.00

Foot of rough, broken and precipitous slope, bears NW. and SE.

25.05

Rim of mesa, 515 ft. above sec. cor., bears NW. and SE.

Continue along rolling top of mesa.

40.00

On rolling top of mesa

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

Subdivision of T. 43 S., R. 15 E.

Chains

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 18 | S 17
1924

Deposit a sandstone, 4x4x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable.

Continue over rolling top of mesa.

40.00 On rolling top of mesa:

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

in the ground, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked

T 43 S R 15 E
S 18 | S 17
S 19 | S 20
1924

Deposit a sandstone, 7x5x4 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable.

Land, rough, broken and precipitous east breaks of mesa and rolling top.

Soil, rocky and gravelly; 4th rate.

Tiiber, none.

Undergrowth, black brush, mountain rush and amole plant.

Poor grazing.

East, on a random line, bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect S. and S. line, 12 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

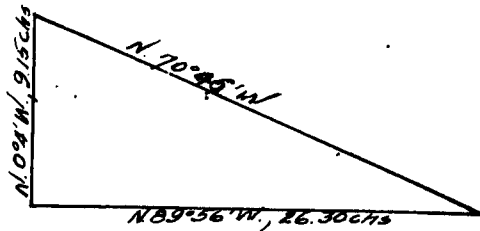
S. 89° 55' W., on a true line, bet. secs. 17 and 20.

Subdivision of T. 43 S., R. 15 E.

Chains	
	Over rolling top of mesa, thru scattering timber and medium undergrowth.
20.10	Rim of mesa, bears NE. and SW.; desc. 10 ft. over broken N. slope over cliffs and ledges.
28.00	Rim of mesa, bears NW. and SE.; continue over rolling top of mesa.
39.93	On rolling top of mesa
	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, on solid rock, and in a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 17 \\ \hline S\ 20 \\ 1924 \end{array}$
	from which
	A juniper, 6 ins. in diam., bears N. 49° E., 69 lks. dist., marked $\frac{1}{4}$ S 17 B T.
	A juniper, 6 ins. in diam., bears S. 76° E., 115 lks. dist., marked $\frac{1}{4}$ S 20 B T.
	Continue over rolling top of mesa
79.86	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling top of mesa.
	Soil, sandy and gravelly; 3rd rate.
	Timber, scattering juniper.
	Undergrowth, black brush, amole plant and mountain rush.
	Fair grazing.
28.38	N. 89° 50' W., on a random line, bet. secs. 18 and 19.
	Rim of deep precipitous canon, bears NE. and SW., over which I am unable to chain, therefore I triangulate as follows: Vertical angle to flag on random line is 0° 0'; auxiliary flag, bears N. 70° 46' W.; from flag on random line, auxiliary flag, bears N. 0° 04'

Chains

W., 9.15 chs. dist.; all bearing checked by direct reading of the solar and all angles checked by deflection:



Distance on random line	28.38 chs.
Distance by triangulation	<u>26.30</u>
	54.68 chs.
Distance by return measurement	<u>8.28</u>
	46.40 chs.

46.40

Set temp. witness $\frac{1}{4}$ sec. cor.

73.98

Intersect W. b. p. of the Tp., 19 lks. N. of the cor. of secs. 13, 18, 19 and 24.

Thence

S. 89° 58' E., on a true line, bet. secs. 13 and 19.

Over rolling top of mesa crossing, one, (1), very rugged, deep, and precipitous canon. Over rolling top of mesa, thru very scattering timber and medium undergrowth.

24.30

West rim of canon, bears NE. and SW.; desc. 400 ft. over very precipitous SE. slope.

32.50

Bottom of canon, course SW.; asc. 400 ft. over cliffs and ledges on NW. slope, over which I am unable to chain.

32.58

On edge of bottom of canon

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, (X); chiseled in the solid surface rock, and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S 18}{S 19}$ WC

Subdivision of T. 43 S., R. 15 E.

Chains	
✓ 38.98	No other accessories available. True point for $\frac{1}{4}$ sec. cor falls on an inaccessible ledge, where it would be impracticable to set $\frac{1}{4}$ sec.cor.
50/60	East rim of canon, bears NE. and SW.; continue over rolling top of mesa.
78.98	The cor. of secs. 17, 18, 19 and 20. Land, rolling and broken top of mesa. Soil, sandy and rocky; 3rd and 4th rate. Timber, very scattering juniper and pinon pine. Undergrowth, black brush, amole plant and mountain rush. Fair and poor grazing.
	S. $0^{\circ} 3'$ E., bet. secs. 19 and 20. Over rolling top of mesa, which is cut by deep precipitous canons, thru scattering timber and medium undergrowth.
26.80	North rim of canon, bears E. and SW.; desc. 120 ft. over cliffs and ledges on precipitous S. slope: Head of canon, 5 chs. E.
31.50	Bottom of canon, course SW.; asc. 120 ft. over cliffs on N. slope.
37.50	South rim of canon, bears NE. and SW.; continue over rolling top of mesa.
40.00	On rolling top of mesa; set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">$\frac{1}{4}$ S 19 | S 20 1924</div> from which A juniper, 4 ins. in diam., bears S. 37° E., 18 lks. lks. dist., marked $\frac{1}{4}$ S 20 B T. A juniper, 4 ins. in diam., bears N. $59\frac{1}{2}^{\circ}$ W., 62 lks. dist., marked $\frac{1}{4}$ S 19 B T. Continue over rolling top of mesa.
71.80	North rim of canon, bears E. and W.; desc. 360 ft. over cliffs and ledges on S. slope to sec. cor.
80.00	On precipitous S. slope; set an iron post, 3 ft. long, .2 ins. in diam., over a cross, (X), chiseled in the solid surface rock, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked

Subdivision of T. 43 S. R. 15 E.

Chains

T 43 S R 15 E

S 19 S 20

S 30 S 29

1924

No other accessories available.

Land, rolling top and western breaks of mesa.

Soil, sandy and rocky; 3rd and 4th rate.

Timber, scattering and none, juniper and pinon.

Undergrowth, black brush, amole plant and mountain rush.

N. 89° 55' E., on a random line, bet. secs. 20 and 29.

In order to determine the distance over a box canon, which is imposible to chain, I offset as follows:

N. 0° 3' W., by return measurement 8.15 chs.

N. 89° 55' E. 40.00 chs.

S. 0° 3' E. 8.15 chs. to

40.00 On random line, at which point I set temp. $\frac{1}{4}$ sec. cor.

79.82 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

S. 89° 52' W., on a true line, bet. secs. 20 and 29.

Over rolling top of mesa, thru scattering timber and medium undergrowth.

39.82 Offset point; continue measurement to $\frac{1}{4}$ sec. cor.

39.91 On rolling top of mesa; set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 20
S 29

1924

from which

A cross, (X), marked on the N. face of sandstone

dom8, bears West, 21 lks. dist., marked X B O.

No other practicable accessories available.

Thence from the offset point, at 39.82 chs. on this line,

I offset as follows;

N. 0° 3' W., 8.15 chs. Head of box canon, course S. 60° W.

S. 89° 55' W., 40.00 chs. along N. rim of canon.

S. 0° 3' E., 8.15 chs. over precipitous S. slope to

Subdivision of T. 43 S., R. 15 E.

Chains

79.82 The cor. of secs. 19, 20, 29 and 30.
Land, rolling top of mesa, broken by one (1) deep
box canon.
Soil, sandy, gravelly, and rocky on top of mesa and very
rocky in canon; 3rd and 4th rate.
Timber, very scattering growth of pinon pine and
juniper.
Undergrowth, black brush, amole plant and mountain
rush.
Fair grazing, except in canon, where it is poor.

N. 89° 58' W., on a random line, bet. secs. 19 and 30.
In order to obtain the distance over a steep precipitous
S. slope, in the western breaks of mesa, over which
the line passes, I offset as follows:

South	8.00 chs.
N. 89° 58' W.	25.65 chs.
North	8.00 chs., to

25.65 True point on random line
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.25 Intersect W. bdy. of the Tp., 9 lks. N. of the cor.
of secs. 19, 24, 25 and 30.

Thence

N. 89° 58' E., on a true line, bet. secs. 19 and 30.
Over rolling desert land and broken, rugged, high and
precipitous west breaks of mesa.
1.40 Moonlight Wash, which is 30 lks. wide, and 4 ft. deep,
course NW.
1.00 Wash, 10 lks. wide, 3 ft. deep, course SW.
6.00 Wash, 15 lks. wide, 3 ft. deep, course S.
0.00 Asc. over a sandstone dome, 5 chs. long, and about
3 chs. in width, bears E. and W.

Subdivision of T. 43 S., R. 15 E., S. 34

Chains

- 34.80 Apex of sandstone dome; desc. 95 ft. to witness $\frac{1}{4}$ sec. cor.
- 39.25 True point for $\frac{1}{4}$ sec. cor., falls on the steep and bare N. face of sandstone dome, where it would be impracticable to set $\frac{1}{4}$ sec. cor.

- 40.84 Near the foot of sandstone dome, bears N. and S.
Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked.

WC $\frac{1}{4}$ $\frac{S\ 19}{S\ 30}$
1924

from which

A cross, (X), marked on the N. face of sandstone dome, 4 ft. above the ground, bears West, 21 lks. dist., marked X B0.

No other bearing objects available and pits are impracticable.

Continue over rolling land.

- 53.80 Foot of precipitous west breaks of high mesa, bears N., 15 chs. and S. 6 chs. As I am unable to continue chaining over precipitous slope on line I take as follows:

South, 7.97 chs. To point of projection of high mesa, bears E. and S.; continue along foot precipitous S. slope.

S. 89°58' E., 25.65 chs.

North, 8.00 chs. Asc. 110 ft. to sec. cor.

- 79.25 The cor. of secs. 19, 20, 29 and 30.

Land, rolling desert and precipitous west breaks of mesa.

Soil, sandy and rocky; 3rd and 4th rate.

Subdivision of T. 43 S., R. 15 E.

Chains

Timber, none.

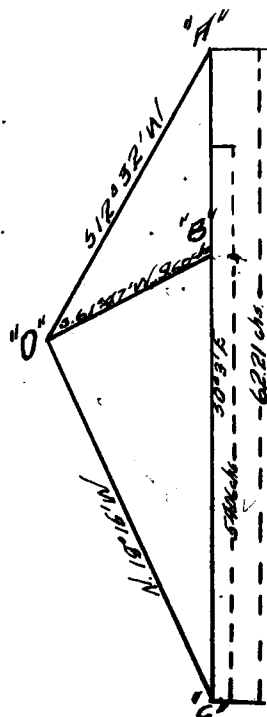
Undergrowth, black brush, mountain rush and anole plant.

Fair grazing.

S. $0^{\circ} 3'$ E., bet. secs. 29 and 30.

Over rugged, broken and precipitous west breaks of mesa and rolling desert land, thru scattering timber, and medium undergrowth.

In order to determine the distance over the inaccessible west breaks of mesa, over which chaining is impossible, I triangulate as follows: from the cor. of secs. 19, 20, 29 and 30, I place a flag, "A", N. $0^{\circ} 3'$ W., 8.15 chs. dist., which is 360 ft. above the sec. cor.; thence from flag, "A", I set two, 2, flags on true line, bet. secs. 29 and 30, which I call "B" and "C" respectively; vertical angle from "A" to "B" is $0^{\circ} 0'$; vertical angle from "B" to "C" is minus $14^{\circ} 35'$; from "B" auxiliary flag, "D", bears S. $61^{\circ} 47'$ W., 9.60 chs. dist.; from "A" auxiliary flag, "D", bears S. $12^{\circ} 32'$ W.; from "C" auxiliary flag, "D" bears N. $19^{\circ} 15'$ W.; all bearings checked by direct readings of the solar and all angles checked by deflection;



Subdivision of T. 43 S., R. 15 E.,

Chains

Distance by triangulation 62.21 chs. ✓
 Less 8.15

Counting from the cor. of secs. 19, 20,
 29 and 30, distance by triangulation 54.06 chs. ✓

Distance by return measurement 14.06
 40.00

Approximate distances and elevation to items of
 topography are as follows.

7.00 Box canon, which is about 100 ft. below sec. cor.,
 course SW.; asc. 460 ft. over precipitous N. slope
 in the west breaks of mesa.

Thence by true distances and elevations.

33.40 Top of projection of mesa, projects W.; desc. over
 cliffs and ledges, facing to the S. in west breaks
 of mesa, 500 ft. to sec. cor.

40.00 At the foot of steep, precipitous S. slope in west
 breaks of mesa.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
 in the ground, for the sec. cor., with brass cap
 marked

$\frac{1}{4}$
 S 30 | S 29
 1924

From which

A juniper, 14 ins. in diam., bears S. $50\frac{1}{2}^{\circ}$ E.,
 206 lks. dist., marked $\frac{1}{4}$ S 29 B T.

A juniper, 14 ins. in diam., bears S. $81\frac{3}{4}^{\circ}$ W.,
 173 lks. dist., marked $\frac{1}{4}$ S 30 B T.

Continue over rolling desert land.

41.00 Dim trail to top of mesa, bears NE. and SW.

59.80 Top of sandstone dome on east, end 50 ft. high.;
 continue over rolling desert land to sec. cor.

Subdivision of T. 43 S., R. 15 E.

Chains

80.00

On rolling desert land, in the valley of the Moonlight Wash.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor., of secs. 29, 30, 31 and 32, with brass cap marked

T 43 S R 15 E

S 30	S 29
S 31	S 32

1924

Deposit a sandstone, 6x4x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable. Land, precipitous west breaks of mesa and rolling valley land of Moonlight wash.

Soil, rocky and sandy; 3rd and 4th rate.

Timber, scattering juniper and piñon pine.

Undergrowth, black brush; amole plant and mountain rush.

Fair grazing.

N. 39° 52' E., on a random line, bet. secs. 29 and 32.

40.00

Set temp. sec. cor.

79.80

Intersect N. and S. line, 23 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N. 89° 58' W., on a true line, bet. secs. 29 and 32.

Over rolling desert land, thru medium undergrowth.

Desc. 80 ft. over gentle NW. slope.

20.00

Large volcanic outcrop, 8.00 chs. N.

23.10

Wash, 30 lks. wide, 4 ft. deep, course SW.

39.90

On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the sec. cor., with brass cap marked

Subdivision of T. 43 S., R. 15 E.

Chains

$\frac{1}{4}$ S 29
S 32

1924

Deposit a sandstone, 6x4x4 ins., marked with a cross, (X), at the base of the post.

47.00 Point of high, broken and precipitous point of mesa, rises 2.00 chs. N. of line and bears NE. and NW.

79.80 The cor. of secs. 29, 30, 31 and 32.

Land, rolling desert land, along valley of the Moonlight Wash.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

S. 89° 58' W., on a random line, bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.40 Intersect W. bdy. of the Tp., 30 lks. S. of the cor. of secs. 25, 30, 31 and 36; herinbefore described.

Thence

S. 89° 49' E., on a true line, bet. secs. 30 and 31.

Over rolling and broken land, thru medium undergrowth.

Desc. 140 ft. over precipitous E. slope.

6.00 Foot of steep slope, bears N. and S.; continue over rolling desert land.

33.00 Small wash, course NW.

79.40 On rolling desert land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 30
 $\frac{1}{4}$ S 31

1924

Subdivision of T. 43 S., R. 15 E.

Chains

Deposit a sandstone, 4x4x3 ins., marked with a cross, (X), at the base of the post.

No other accessories available and pits impracticable. Continue over gently rolling desert land.

45.00 East branch of Moonlight Wash, 50 lks. wide, 4 ft. deep, course NW.

63.45 Road, bears NW. to Moonlight and SE. to Kayenta.

79.40 The cor. of secs. 29, 30, 31 and 32.

Land, gently rolling desert, except a few chains on the west end of the mile that is broken steep and rugged E. slope.

Soil, sandy; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain rush.

Fair grazing.

S. 0° 3' E., bet. secs. 31 and 32.

Over rolling and broken land, thru scattering timber and medium undergrowth. Over rolling desert land.

10.50 Road, bears NW, and SE. NW. to Moonlight and SE. to Kayenta.

10.70 Moonlight Wash, 50 lks. wide, 5 ft. deep, course NW.

19.50 Wash, 20 lks. wide. 3 ft. deep, course NW.

22.60 Base of steep precipitous NE. slope, bears NW. and SE. Asc. 385 ft.

33.55 Top of spur projection of mesa, projects NW. 5 chs. thence breaks off abruptly to the valley of the Moonlight Wash; desc. 125 ft. over precipitous SW. slope

39.93 On precipitous W. slope

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and in a mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 43 S., R. 15 E.

Chains

S 31 | S 32

WC

1924

Deposit a sandstone, 6x6x4 ins., marked with a cross, (X), alongside post at base of monument.

No other accessories available.

40.00

True point for cor. fall on a sandstone boulder, where it would be impracticable to set post.

Continue desc. 30 ft. over broken W. slope to sec. cor.

80.22

On broken W. slope.

Intersect Utah-Arizona State boundary line, 17.02 chs. east of the 208th mile post; hereinbefore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid surface rock, and in a large mound of stone, for the closing cor. of secs. 31 and 32, with brass cap marked

UTAH

CC

T 43 S

R 15 E

S 31

S 32

ARIZ

1924

from which

A juniper, 18 ins. in diam., bears N. 63° E.,

100 lks. dist., marked T 43 S R 15 E S 32 CC BT.

A juniper, 18 ins. in diam., bears N. 80° W.

72 lks. dist., marked T 43 S R 15 E S 31 CC BT.

Land, rolling and broken land.

Soil, rocky and sandy; 4th and 3rd rate.

Timber, scattering juniper and pinon pine.

Undergrowth, black brush, amole plant and mountain rush.

Fair grazing

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Lines Designated	Course	Dist- ances Chains	Latitudes		Departures	
			N	S	E	W
Utah-Arizona State Boundary						
Line	S. 89° 54' W.	18.66		.03		18.66
	N. 89° 58' W.	80.06	.05			80.06
	S. 89° 44' W.	79.02		.37		79.02
	S. 89° 58' W.	159.48		.10		159.48
	West	79.37				79.37
	N. 89° 54' W.	62.59	.11			62.59
West Boundary						
T43SR15E	North	480.19	480.19			
North Boundary						
T43SR15E	East	478.42			478.42	
East Boundary						
T43SR15E	South	479.41		479.41		
Convergence					.55	
Totals			480.35	479.91	478.97	479.18
			479.91			478.97
Error in latitude	- - - - -		.44			
Error in departure	- - - - -					.21

This township consists of rolling desert land broken by high, rough, mesas with rugged and precipitous slopes. Many columns or pillars of sandstone, locally called "monuments", exist in the township. The northeastern part of the area consists of rolling desert broken by a few high monuments and small mesas, while the southwestern part of the township consists generally of high broken mesa land with areas of rolling land at the foot of the mesas in a few places. A particularly prominent formation known as "Train Monument" projects into the township in the northern part of sec. four. The general drainage of the township is to the northwest.

The soil is sandy, gravelly, and rocky. On the rolling desert land the soil is generally very sandy while on the mesa land it is generally gravelly, and rocky and gravelly on the slopes.

The timber is scrub juniper and pinon pine and of scattered growth throughout the township, but in the southern part the growth becomes much heavier, and in some places the growth is medium dense in character.

A medium growth of black brush, amole, and mountain rush,

and a poor growth of grass covers the entire township

affording fair grazing conditions for livestock.

The only indication of settlement is in sec. 30, where an

trading post known as "Old Moonlight Trading Post" is

now abandoned.

The road from Kayenta, Arizona to Moonlight Trading Post

crosses the township in the southwestern part and

along the east branch of Moonlight Wash.

There is a small spring in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec.

30. There is no other water in the township.

No trace or indications were found of coal, oil, gas or

minerals.

No magnetic declination was taken on account of defective

needles.

This township consists of rolling hills and

high, round, grassy hills, some of which are

very high and are covered with dense

growth of brush and small trees.

Some of the hills are very high and are

covered with dense growth of brush and

small trees.

The hills are very high and are covered

with dense growth of brush and small

trees.

The hills are very high and are covered

with dense growth of brush and small

trees.

The hills are very high and are covered

with dense growth of brush and small

trees.

The hills are very high and are covered

with dense growth of brush and small

trees.

The hills are very high and are covered

with dense growth of brush and small

trees.

The hills are very high and are covered

BOOK A-475

4-680

FIELD ASSISTANTS.

[illegible]

Blank

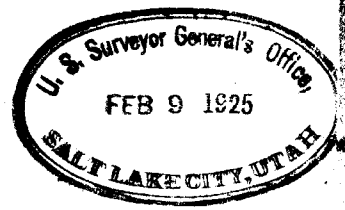
Page

Blank

Page

BOOK A-475

A



FIELD NOTES

OF THE SURVEY OF THE

NORTH, WEST, AND SOUTH BOUNDARIES, AND SUBDIVISION

OF

T. 42 S., R. 14 E.

Of the Salt Lake Base And Meridian,
the State of Utah

EXECUTED BY

Chas. F. Moore

And

Willis W. Bandy

the capacity of U. S. Surveyors, under instructions dated September 24, 1923,
ued by the United States Surveyor General to govern surveys included in
oup No. 152, which were approved by the Commissioner of the General Land
ce, October 21, 1923; And assignment instructions dated
y 7, 1924.

Survey commenced May 13, 1924.

Survey completed May 22, 1924.

BOOK A-4/5

INDEX DIAGRAM.

Township 42 South, Range 14 East											
10		9		8		7		6		5	
22	6	76	5	63	4	54	3	43	2	32	1
	75		75		62		53		42		31
21	7	74	8	61	9	52	10	41	11	30	12
	73		72		60		51		40		29
20	18	71	17	60	16	50	15	39	14	28	13
	71		70		59		49		38		27
19	19	69	20	59	21	48	22	37	23	26	24
	68		67		58		47		36		25
19	30	66	29	56	28	46	27	35	26	24	25
	66		65		56		45		34		23
18	31	64	32	55	33	44	34	33	35	23	36
	17		16		15		14		13		11

Date Diagram of T. 42 S., R. 14 E.

	5-20-24	5-20-24	5-19-24	5-19-24	5-19-24	5-17-24
5-20-24	6 5-22-24	5 5-22-24	4 5-21-24	3 5-21-24	2 5-19-24	1 5-17-24
5-20-24	7 5-22-24	8 5-21-24	9 5-21-24	10 5-19-24	11 5-16-24	12 5-15-24
5-20-24	18 5-21-24	17 5-20-24	16 5-17-24	15 5-16-24	14 5-15-24	13 5-17-24
5-20-24	19 5-20-24	20 5-17-24	21 5-16-24	22 5-15-24	23 5-14-24	24 5-13-24
5-20-24	30 5-16-24	29 5-15-24	28 5-14-24	27 5-14-24	26 5-13-24	25 5-13-24
5-16-24	31 5-15-24	32 5-14-24	33 5-14-24	34 5-13-24	35 5-13-24	36 5-13-24

All lines dated and ruled in red, were surveyed by
Chas. F. Moore, U.S. Surveyor.

All lines dated and ruled in black, were surveyed by
Willis W. Bandy, U.S. Surveyor.

Survey commenced May 13, 1924, and executed with Buff and Buff light mountain transit No. 9220, used by Chas. F. Moore, U.S. Surveyor, and Young and Sons light mountain transit No. 8544, used by Willis W. Bandy, U.S. Surveyor.

These instruments were approved for use on this survey by the Assistant Supervisor of Surveys, for District No. 6, conditional upon satisfactory field tests, in assignment instructions dated May 7, 1924.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the reading of the latitude and declination arcs and vertical circle.

We examine the adjustments of the instruments and correct the level and collimation errors. Then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, we proceed as follows.

May 18, 1924: At our camp, located near the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of T. 42 S., R. 14 E., in approximate latitude $37^{\circ}08'$ N., longitude, $110^{\circ}23'$ W., at 3h ^{a.m.} 54^m/1. m. t., with instrument No. 9220, we observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake driven firmly in the ground, 10 chains N.

Azimuth of Polaris at eastern elongation = $1^{\circ}23'$ west.

We lay off the azimuth of Polaris, $1^{\circ}23'$ to the west, and mark the meridian thus determined by a tack in a stake, driven firmly in the ground, 10 chains N.

a.m.

At 9h 00m/appt. t., with both instruments in the meridian, we set off $37^{\circ}08'$ N., on the latitude arcs; $19^{\circ}36'$ N., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

At apparent noon, with instrument No. 9220, in the meridian, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's lower limb, and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's east limb.

Mean observed altitude= $72^{\circ} 29' 30''$

Reduced latitude= $37^{\circ} 08' \text{ N.}$

Mean watch time of observation= 12h 00m 37s

Watch fast of local mean time= 0h 4m 20s

At apparent noon, with the instruments in the meridian, and the latitude arcs unchanged, we find the reading of the declination arcs is $19^{\circ}37'30''$ N., which agrees with the computed declination of the sun.

p.m.

At 3h 00m/appt. time, with the instruments in the meridian and the latitude arcs unchanged, we set off $19^{\circ}39'$ N., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of the survey, frequent tests being made on the meridian determined by observations.

Near the completion of the survey of this township, we make a final test of the instruments as follows.

With the instruments in the meridian, established by observations made on Polaris, which is heretofore

May 22, 1924 a.m.
described, /at 9h 30m/apparent time, we set off $37^{\circ}08'$ N., on the latitude arcs, $20^{\circ}26'$ N., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $20^{\circ}27'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $20^{\circ}29'$ N., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

Measurements.

Unless otherwise specified all measurements are made with Lallie steel tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined, and the slope measurements properly reduced to true horizontal distances.

Method of Procedure...

The east boundary of the township, is established under the survey of group 151, Utah, the course being north, and the distance 479.92 chs.

The north boundary of the township, was run west from the cor. of Ts. 41 and 42, S., Rs. 14 and 15 E., a distance of 477.82 chs., the fractional distance being placed in the western half mile, where the cor. of Ts. 41

Method of Procedure

and 42 S., Rs. 13 and 14 E. was set.

The cor. of Ts. 42 and 43 S., Rs. 13 and 14 E., was established at the intersection of a line run W. from the cor. of Ts. 42 and 43 S., Rs. 14 and 15 E. with one run S., from the cor. of Ts. 41 and 42 S., Rs. 13 and 14 E. The distance of the W. bdy. of the township is, 479.99 chs., and the fraction distance placed in the N. half mile. The distance of the S. bdy. is 478.20 chs. and the fractional distance is placed in the W. half mile.

The township is subdivided from the S. to the N. and from the E. to the W., the fractional distances being placed against the north and west boundaries of the township.

Survey of The North Boundary of T. 42 S., R. 14 E.

From the cor. of Ts. 41 and 42 S., Rs. 14 and 15 E., which is an iron post, 3 ins. diam., firmly set, with brass cap, marked and witnessed as described in the notes of the survey of T. 41 S., R. 15 E.

West, bet. secs. 1 and 36, along the N. bdy. of the township.

Over rolling bench land through scattering undergrowth and timber.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S36
+-----+
S1
1924.

From which,

A cedar, 8 ins. diam., bears N. $45^{\circ}15'$ W., 425 lks.

dist., marked $\frac{1}{4}$ S1 BT.

No other suitable bearing tree available, or other accessories and soil too loose for pits.

Survey of The North Boundary of T. 42 S., R. 14 E.

Chains

80.00 On rolling bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T42S	R14E
S35	S36
S2	S1
T42S	

1924

From which,

A cedar, 10 ins. diam., bears S. $78^{\circ}30'$ W., 471 lks. dist., marked T42S R14E S2 BT.

A cedar, 14 ins. diam., bears N. $38^{\circ}45'$ W., 307 lks. dist., marked T41S R14E S35 BT.

No other suitable bearing trees available, or other accessories and soil too loose for pits.

Land, rolling benches with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate:

Undergrowth; scattering blackbrush, oose and mountain rush.

Timber; scattering cedar and pinon.

Fair grazing.

West, bet. secs. 2 and 35.

Over rolling bench land through scattering undergrowth and timber.

40.00 On rolling land.

Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S35
$\frac{1}{4}$
S2

1924

From which,

A cedar, 4 ins. diam., bears N. 34° W., 173 lks.

dist., marked $\frac{1}{4}$ S35 BT.

No other bearing trees available, or other accessories and soil too loose for pits.

Survey of The North Boundary of T. 42 S., R. 14 E.

Chains

80.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 2, 3, 34 and 35, with brass cap marked:

T41S	R14E
S34	S35
S3	S2
T42S	

1924

From which,

A cedar, 8 ins. diam., bears N. 21°15' E., 211 lks. dist., marked T41S R14E S35 BT.

A cedar, 4 ins. diam., bears S. 79° E., 87 lks. dist., marked T42S R14E S2 BT.

A cedar, 10 ins. diam., bears S. 71° W., 90 lks. dist., marked T42S R14E S3 BT.

A cedar, 6 ins. diam., bears N. 51° W., 88 lks. dist., marked T41S R14E S34 BT.

Land, rolling benches with a general northwesterly exposure and drainage.

Soil, shallow black loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering cedar and pinon.

Fair grazing.

West, bet. secs. 3 and 34.

Over rolling bench land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34
$\frac{1}{4}$
S3

1924

Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).

Survey of The North Boundary of T. 42 S., R. 14 E.

Chains

No other suitable accessories available and soil too loose for pits.

54.50 Wash, 40 lks. wide, 4 ft. deep, drains N.

80.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs, 3, 4, 33 and 34, with brass cap marked.

T41S	R14E
S33	S34
S4	S3
T42S	
1924	

Land, rolling benches with a general northerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering oose blackbrush and mountain rush.

No timber.

Fair grazing.

West, bet. secs. 4 and 33.

Over rolling bench land through scattering undergrowth and timber.

31.00 Wash, 30 lks. wide, 4 ft. deep, drains N.

40.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S33
4
S4
1924

From which,

A cedar, 6 ins. diam., bears S. 20° W., 54 lks. dist., marked S4 BT.

A cedar, 4 ins. diam., bears N. 24° W., 212 lks. dist., marked S33 BT.

53.40 The E. rim of canyon, bears N. and S.

Survey of The North Boundary of T. 42 S., R. 14 E.

Chains

58.00 Wash, 30 lks. wide, 4 ft. deep, in bottom of canyon, 70 ft. deep, drains N.

60.40 The W. rim of canyon, bears N. and S.

80.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T41S	R14E
S32	S33
S5	S4
T42S	
1924	

From which,

A cedar, 4 ins. diam., bears S. $65^{\circ}15'$ W., 410 lks. dist., marked T42S R14E S5 BT.

A cedar, 12 ins. diam., bears N. $63^{\circ}15'$ W., 220 lks. dist., marked T41S R14E S32 BT.

No other suitable bearing trees available.

Land, rolling benches with a general northerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering cedar and pine.

Fair grazing.

West, bet. secs. 5 and 32.

Over rolling bench land through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which, Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S32
S5
1924

55.00 Land becomes broken by outcroppings of sandstone, bears NE. and SW.

Survey of the North Boundary of T. 42 S., R. 14 E.

Chains

started

80.00 On sandstone surfacerock, mark a cross (X), over which
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 5, 6, 31 and 32,
with brass cap marked.

T42S	R14E
S31	S32

S6	S5
----	----

T42S

1924

Land, rolling benches on E. portion of mile, broken by
outcroppings of sandstone on W. portion, with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

West, bet. secs. 6 and 31.

Over broken land through scattering undergrowth, and
timber.

1.00 E. rim of canyon, bears NW. and SE.

2.50 Bottom of canyon, 60 ft. deep, drains NW.

4.00 West rim of canyon, bears NW. and SE.

40.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S31

$\frac{1}{4}$

S6

1924

From which,

A cedar, 8 ins., diam., bears S. 12° E., 325 lks.
dist., marked $\frac{1}{4}$ S6 BT.

A cedar, 6 ins. diam., bears N. 46°30' W., 184 lks.
dist., marked $\frac{1}{4}$ S31 BT.

63.70 Wash, 30 lks. wide, 4 ft. deep, drains NW.

Survey of The North Boundary of T. 42 S., R. 14 E.

Chains

77.82 Allowing for convergency; on sandstone surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a large mound of stone, for cor. of T. 41 and 42 S., Rs. 13 and 14 E., with brass cap marked.

T41S	
R13E	R14E
S36	S31
S1	S6
T42S	
1924	

No suitable accessories available.

Land, broken by outcroppings of sandstone with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, cane and mountain rush.

Timber, scattering cedar and pinon.

Pasture grazing.

Survey of the South Boundary of T. 42 S., R. 14 E.

From the cor. of Ts. 42 and 43 S., Rs. 14 and 15 E., which is an iron post, 3 ins. diam., firmly set, with brass cap marked and witnessed as described in the notes of the survey of T. 42 S., R. 15 E.

West, bet. secs. 1 and 36, along the S. bdy. of the township.

Over rolling bench land through scattering undergrowth.

13.30 The E. rim of Moonlight Wash, 10 ft. high, bears NE. and S3.

16.90 Road in bottom of Moonlight Wash, road, bears N. and S., wash drains NE.

17.30 The W. rim of Moonlight Wash, 10 ft. high, bears NE. and SW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

S36

S1

1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

59.00 Base of gradual ascent over broken sandstone outcroppings bears NE. and SW.

80.00 On sandstone surfacerock, 150 ft. above base of ascent; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T42S	R14E
S35	S36
S2	S1
T43S	

1924

From which,

A point on sandstone ledge, marked X B0 S36, bears N. 60° E., 9.20 chs. dist.

No other suitable accessories available.

Land, rolling bench land on E. portion of mile, broken sandstone outcroppings on W. portion. General north-easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

Survey of The South Boundary of T. 42 S., R. 14 E.

Chains

West, bet. secs. 2 and 35.

Over broken land through scattering undergrowth.

15.00 Draw, 30 ft. deep, drains SE.

40.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S35
$\frac{1}{4}$
S2

1924

70.80 Bend in branch road, bears NE. and SE.

77.70 Road, bears NE. to Organ Rock oil rig located near center of sec. 35, and SW. to Kayenta, Arizona.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T42S	R14E
S34	S35
S3	S2
T43S	

1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Land, broken by outcroppings of sandstone, with a general easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

Survey of the South Boundary of T42S R14E NW 14 E.

Chains.

contd.

West, bet. secs. 3 and 34.

Over rolling bench land through scattering undergrowth and timber.

30.00 Top of sandstone rimrock, 20 ft. high, bears NW. and SE.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34
$\frac{1}{4}$
S3
1924

No suitable bearing trees available.

72.00 Draw, 30 ft. deep, drains NW.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T42S	R14E
S33	S34
S4	S3
T43S	
1924	

From which,

A pinon, 3 ins. diam., bears N. $16^{\circ}30'$ E., 158 lks. dist., marked BT.

A pinon, 4 ins. diam., bears S. 77° E., 89 lks. dist., marked T43S R14E S3 BT.

A pinon, 3 ins. diam., bears N. 13° W., 102 lks. dist., marked BT.

No other suitable bearing tree available.

Land, rolling benches with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering cedar and pinon.

Fair grazing.

Survey of The South Boundary of T. 42 S., R. 14 E.

Chains

West, bet. secs. 4 and 33.

Over broken bench land through scattering undergrowth and timber.

11.00 Draw, 20 ft. deep, drains NW.

40.00 On broken bench land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

$\frac{1}{4}$ S4

1924

From which,

A pinon, 8 ins. diam., bears S. 1° W., 243 lks. dist., marked $\frac{1}{4}$ S4 BT.

A pinon, 6 ins. diam., bears N. $63^{\circ}15'$ W., 198 lks. dist., marked $\frac{1}{4}$ S33 BT.

53.40 Top of sandstone rimrock, bears N. and S., 20 ft. high.

80.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T42S	R14E
S32	S33
S5	S4
T43E	

1924

No suitable bearing trees available.

Land, broken top of benches with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering cedar and pinon.

Fair grazing.

Survey of The South Boundary of T. 42 S., R. 14 E.

Chains

201410

West, bet. secs. 5 and 32.

Over rolling bench land through scattering undergrowth and timber.

17.30 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked

S32

S5

1924

From which,

A cedar, 3 ins. diam., bears N. 21° E., 39 lks.
dist., marked BT.

A cedar, 4 ins. diam., bears S. 7° E., 164 lks.
dist., marked $\frac{1}{2}$ S5 BT.

48.30 Road, bears N. to Copper Canyon and S. to Kayenta, Ariz.

56.10 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T42S	R14E
S31	S32

S6	S5
----	----

T43S

1924

Deposit a sandstone, 5 x 4 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

Land, rolling benches with a general northwesterly
exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering cedar and pinon. Fair grazing.

Survey of The South Boundary of T. 42 S., R. 14 E.

Chains

West, bet. secs. 6 and 31.

Over broken land through scattering undergrowth. Ascend gradual NE. slope.

40.00 On broken NE. slope, 70 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S31

S6

1924

From which,

A point on sandstone, boulder, marked X B0 S31, bears N. 89° W., 1 lk. dist.

No other suitable accessories available.

45.00 Top of ascent, 20 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually over broken NW. slope.

78.00 Left Temp. point.

78.20 On steep NE. slope, 150 ft. below top of descent; point 479.99 chs. / S. of the cor. of Ts. 41 and 42 S., Rs. 13 and 14 E.

Set an iron post, 3 ft. long, 3 ins. diam., in a large mound of stone, on sandstone surface rock, over cross (X), for cor. of Ts. 42 and 43 S., Rs. 13 and 14 E., with brass cap marked.

T42S

R13E	R14E
S36	S31

S1	S6
----	----

T43S

1924

Land, broken by sandstone outcroppings with a general northeasterly and northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

Survey of The West Boundary of T. 42 S., R. 14 E.

Chains

201200

From the cor. of Ts. 41 and 42 S., Rs. 13 and 14 E.

South, on random line along the W. bdy. of the township,

setting temp. cors. at intervals of 40.00 chs. and at:

479.99 Fall 20 lks. W. of the temp. point left for cor. of Ts.

42 and 43 S., Rs. 13 and 14 E. At point of intersection

set the cor. of Ts. 42 and 43 S., Rs. 13 and 14 E., as

described in the survey of the S. bdy. of this township

Thence,

From the cor. of Ts. 42 and 43 S., Rs. 13 and 14 E.

North, on true line bet. secs. 31 and 36, along the W.
bdy. of the township.

Over broken bench land through scattering undergrowth.

40.00 At head of draw, drains NW., on sandstone surfacerock,
mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S36 | S31

1924

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 25, 30, 31 and 36,
with brass cap marked.

T42S
R13E | R14E
S25 | S30

S36 | S31

1924

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandstone loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, goose and mountain
rush.

No timber.

Fair grazing.

Survey of The West Boundary of T. 42 S., R. 14 E.

Chains

North, bet. secs. 25 and 30.

Over broken bench land through scattering undergrowth.

17.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S25 | S30

1924

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 19, 24, 25 and 30,
with brass cap marked.

T42S
 R13E | R14E
 S24 | S19

 S25 | S30

1924

Land, broken by sandstone outcroppings, with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Poor grazing.

North, bet. secs. 19 and 24.

Over rolling bench land through scattering undergrowth.

29.00 Road, bears NW. to Copper Canyon, and SE. to Kayenta,
Arizona.

36.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which,
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of The West Boundary of T. 42 S., R. 14 E.

Chains

S24 S19

1924

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 13, 18, 19 and 24,
with brass cap marked.

T42S	
R13E	R14E
S13	S18
S24	S19

1924

Land, rolling benches with a general northwesterly
exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber:

Poor grazing.

North, bet. secs. 13 and 18.

Over broken sandstone outcroppings through scattering
undergrowth.

12.40 The S. rim of canyon, bears NW. and SE:

13.80 Bottom of canyon, 50 ft. deep, drains NW.

16.00 The N. rim of canyon, bears NW. and SE.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor.; with brass cap marked.

S13 S18

1924

51.20 The S. rim of canyon, bears NW. and SE.

52.50 Bottom of canyon, 40 ft. deep, drains NW.

53.00 The N. rim of canyon, bears NW. and SE.

Survey of The West Boundary of T. 42 S., R. 14 E.

Chains

- 65.60 The S. rim of canyon, bears NW. and SE.
 69.00 Bottom of canyon, 40 ft. deep, drains NW.
 70.60 The N. rim of canyon, bears NW. and SE.
 80.00 On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., in a large
 mound of stone, for cor. of secs. 7, 12, 13 and 18, with
 brass cap marked.

T42S	
R13E	R14E
S12	S7
S13	S18

1924

Land, broken by sandstone outcroppings with a general
 northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
 rush.

No timber.

Poor grazing.

North, bet. secs. 7 and 12.

Over broken sandstone outcroppings through scattering
 undergrowth.

- 21.00 The S. rim of canyon, bears NW. and SE.
 23.20 Bottom of canyon, 30 ft. deep, drains NW.
 27.20 The N. rim of canyon, bears NW. and SE.
 40.00 On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., in a large
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S12 S7

1924

- 72.80 Wash, 30 lks. wide, 4 ft. deep, drains NW.
 80.00 On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., in a large
 mound of stone, for cor. of secs. 1, 6, 7 and 12, with

Survey of The West Boundary of T. 42 S., R. 14 E.

Chains

brass cap marked.

T42S	
R13E	R14E
S1	S6
S12	S7

1924

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Poor grazing.

North, bet. secs. 1 and 6.

Over broken sandstone outcroppings through scattering undergrowth.

28.00 Wash, 40 lks. wide, 5 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap marked.

S1	S6
----	----

1924

41.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.

79.99 The cor. of Ts. 41 and 42 S., Rs. 13 and 14 E., which is heretofore described.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Poor grazing.

Subdivision of T. 42 S., R. 14 E.

Chains

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy.
of the township, which heretofore described.

N. 0°01' W., bet. secs. 35 and 36.

Over broken bench land through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S35 | S36
 1924

79.90 Road, bears E. to Bluff, Utah, and W. to the Organ Rock
oil rig.

80.00 On sandstone surfacerock, mark a cross (X), over which,
set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 25, 26, 35 and 36,
with brass cap marked.

T42S | R14E
 S26 | S25
 S35 | S36
 1924

Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Poor grazing.

East, on random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the E. bdy. of the township, 5 lks. S. of the
cor. of secs. 25, 30, 31 and 36, which is an iron post,
firmly set, with brass cap marked and witnessed as
described in the notes of the survey of the W. bdy.
of T. 42 S., R. 15 E.

Thence,

Chains

sales

- S. 89°58' W., on true line bet. secs. 25 and 36,
Over rolling land through scattering undergrowth.
- 18.70 Wash, 30 lks. wide, 4 ft. deep, drains NE.
- 23.80 Land, becomes broken by sandstone outcroppings, bears
NE. and SW.
- 40.01 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound
of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S25
+
S36

1924

- 79.50 Bend in road, bears NW. to Bluff, Utah, and SW. to
Organ Rock oil rig.
- 80.02 The cor. of secs. 25, 26, 35 and 36.
Land, rolling on E. portion of mile, broken on W. portion
with a general northeasterly exposure and drainage.
Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.
Undergrowth, scattering blackbrush, ooze and mountain
rush.
No timber.
Poor grazing.

N. 0°01' W., bet. secs. 25 and 26.

Over broken sandstone outcroppings through scattering
undergrowth.

- 1.00 Road, bears E. to Organ Rock oil rig, and W. to Bluff,
Utah.
- 3.00 Same road as last, bears NE. to Bluff, Utah, and SW. to
Organ Rock oil rig.
- 40.00 On sandstone surfacerock, mark a cross (X), over which,
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor.; with brass cap marked.

S26 | S25

1924

sement

Subdivision of T. 42 S., R. 14 E.

Chains

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 in. diam., in a large
mound of stone, for cor. of secs. 23, 24, 25 and 26,
with brass cap marked.

T42S	R14E
S23	S24
S26	S25

1924.

Land, broken by outcroppings of sandstone with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Poor grazing.

N. 89°58' E., on random line bet. secs. 24 and 25.

40.00 Point for the $\frac{1}{4}$ -sec. cor. falls on sandstone boulder
where it is impossible to set cor.

40.50 Left temp. point for witness cor. to the $\frac{1}{4}$ sec. cor.

80.04 Intersect the E. bdy. of the township, 19 lks. S. of the
cor. of secs. 19, 24, 25 and 30, which is a 2 in. iron
post, firmly set, with brass cap, marked and witnessed
as described in the notes of the survey of the W. bdy.
of T. 42 S., R. 15 E.

Thence,

S. 89°50' W., on true line bet. secs. 24 and 25.

Over rolling land through scattering undergrowth.

18.00 Land becomes broken by sandstone outcroppings, bears
NE. and SW.

39.50 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for witness cor. to the sec. cor. of
secs. 24 and 25, with brass cap marked.

Subdivision of T₁ 48 S₂ R₁₄ E₄ NE.

Chains

S24

WC

S25

1924

40.02 Point for the $\frac{1}{4}$ sec. cor. falls on top of large sandstone boulder, 60 lks. long, E. and W., 30 lks. wide, N. and S., and 20 ft. high. Impossible to set cor. at this point.

80.04 The cor. of secs. 23, 24, 25 and 26.
Land, rolling on E. portion of mile, broken by sandstone outcroppings on W. portion. General drainage and exposure, NE.
Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
Undergrowth, scattering blackbrush, ooze and mountain rush.
No timber.
Poor grazing.

N. 0°01' W., bet. secs. 23 and 24.

Over broken sandstone outcroppings through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23 | S24

1924

40.25 Wash, 20 lks. wide, 3 ft. deep, drains NE.

64.40 Wash, 40 lks. wide, 4 ft. deep, drains NE.

80.00 On broken land.
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.

T42S R14E

S14 | S13

S23 | S24

1924

Subdivision of T. 42 S., R. 14 E.

Chains

From which,

A point on face of a large sandstone boulder, marked
X BO S14, bears N. 10° W., 54 lks. dist.

No other suitable accessories available for cor.

Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

No timber.

Poor grazing.

N. 89°50' E., on random line bet. secs. 13 and 24.

40.00 Set temp. 1 sec. cor.

80.04 Intersect the E. bdy. of the township, 37 lks. N. of the
cor. of secs. 13, 18, 19 and 24, which is an iron post,
2 ins. diam., firmly set, with brass cap marked and
witnessed as described in the notes of the survey of
the W. bdy. of T. 42 S., R. 15 E.

Thence,

N. 89°54' W., on true line bet. secs. 13 and 24.

Over broken sandstone outcroppings through scattering
undergrowth and timber.

40.02 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for 1 sec. cor., with brass cap marked.

S13
S24.

1924

From which,

A cedar, 6 ins. diam., bears N. 25° E., 64 lks. dist.,
marked 1 S13 BT.

A cedar, 10 ins. diam., bears S. 58° E., 162 lks. dist.,
marked 1 S24 BT.

. Subdivision of T. 42 S., R. 14 E.

Chains

united

80.04 The cor. of secs. 13, 14 23 and 24.

Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. 0°01' W., bet. secs. 13 and 14.

Over broken sandstone outcroppings through scattering
undergrowth and timber.

22.00 Draw, 20 ft. deep, drains NE.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S14 | S13

1924

From which,

A cedar, 4 ins. diam., bears S. 16°45' E., 143 lks.
dist., marked $\frac{1}{2}$ S13 BT.

A cedar, 4 ins. diam., bears S. 26°30' W., 46 lks.
dist., marked $\frac{1}{2}$ S14 BT.

77.00 Land, becomes more rolling, bears W. and SE.

80.00 On rolling land..

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 11, 12, 13 and 14, with brass
cap marked.

T42S | R14E
S11 | S12

S14 | S13

1924

From which,

Subdivision of T. 42 S., R. 14 E.

Chains

A cedar, 4 ins. diam., bears N. 66° E., 13 lks.
dist., marked T42S R14E S12 BT.

A cedar, 10 ins. diam., bears S. 57°30' E., 140 lks.
dist., marked T42S R14E S13 BT.

A cedar, 5 ins. diam., bears S. 39° W., 108 lks.
dist., marked T42S R14E S14 BT.

A cedar, 8 ins. diam., bears N. 5°30' W., 97 lks.
dist., marked T42S R14E S11 BT.

Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone
boulders; 2nd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

S. 89°54' E., on random line bet. secs. 12 and 13.

40.00 Set temp. sec. cor.

80.08 Intersect the E. bdy. of the township, 19 lks. N. of the
cor. of secs. 7, 12, 13 and 18, which is an iron post,
2 ins. diam., firmly set, with brass cap marked and
witnessed as described in the notes of the survey of the
W. bdy. of T. 42 S., R. 15 E.

Thence,

N. 89°46' W., on true line bet. secs. 12 and 13.

Over broken land through scattering undergrowth and timber.

12.50 Land becomes more broken, bears NE. and SW.

40.04 On sandstone surfacerock, marked a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for sec. cor., with brass cap marked.

S12
+
S13

1924

From which,

Subdivision of T. 42 S., R. 14 E.

Chains

A cedar, 4 ins. diam., bears N. 87° E., 167 lks. dist., marked $\frac{1}{4}$ S12 BT.

A point on the face of a sandstone boulder, marked X B0 S13, bears S. 89° W., 311 lks. dist.

60.00 Low rocky spur, 30 ft. high, projects SE.

80.08 The cor. of secs. 11, 12, 13 and 14.

Land, broken by sandstone outcroppings with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. 0°01' W., bet. secs. 11 and 12.

Over broken sandstone outcroppings through scattering timber and undergrowth.

40.00 On broken land,

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S11 | S12

1924

From which,

A cedar, 4 ins. diam., bears N. 46°45' E., 154 lks. dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 8 ins. diam., bears S. 31°45' W., 213 lks. dist., marked $\frac{1}{4}$ S11 BT.

77.70 Wash, 30 lks. wide, 4 ft. deep, drains NE.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

T42S	R14E
S2	S1
S11	S12
1924	

From which,

A cedar, 10 ins. diam., bears N. $79^{\circ}30'$ E., 128 lks.
dist., marked T42S R14E S1 BT.

A cedar, 6 ins. diam., bears S. 81° W., 267 lks.
dist., marked T42S R14E S11 BT.

A cedar, 4 ins. diam., bears N. 74° W., 191 lks.
dist., marked T42S R14E S2 BT.

No suitable SE. bearing tree available.

Land, broken by sandstone outcroppings with a general
northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

S. $89^{\circ}46'$ E., on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.,

80.20 Intersect the E. bdy. of the township, 7 lks. S. of the
cor. of secs. 1, 6, 7 and 12, which is an iron post,
2 ins. diam., firmly set, with brass cap marked and
witnessed as described in the notes of the survey of
the W. bdy. of T. 42 S., R. 15 E.

Thence,

N. $89^{\circ}49'$ W., on true line bet. secs. 1 and 12.

Over rolling bench land through scattering undergrowth
and timber.

9.00 Wash, 30 lks. wide, 4 ft. deep, drains NE.

40.10 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

S1
+
S12
1924

From which,

A cedar, 10 ins. diam., bears N. 60° E., 18 lks.
dist., marked $\frac{1}{4}$ S1 BT.

No other suitable accessories available; and soil too loose for pits.

76.00 Wash, 30-lks. wide, 4 ft. deep, drains NE.

80.20 The cor. of secs. 1, 2, 11 and 12.

Land, rolling benches with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering cedar and pinon.

Fair grazing.

North, on random line bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.68 Intersect the N. bdy. of the township, 23 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is heretofore described.

Thence,

S. 0°10' W., on true line bet. secs. 1 and 2.

Over rolling bench land through scattering undergrowth.

39.68 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S2 | S1
1924

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Subdivision of T. 42 S., R. 14 E.

Chains

70.10 Wash, 40 lks. wide, 5 ft. deep, drains E.

79.68 The cor. of secs. 1, 2, 11 and 12.

Land, rolling benches with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township, which is heretofore described.

N. 0°01' W., bet. secs. 34 and 35.

Over rolling bench land through scattering undergrowth and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S34 | S35
 1924

From which,

A cedar, 4 ins. diam., bears N. 70°30' E., 236 lks. dist., marked $\frac{1}{4}$ S35 BT.

A cedar, 4 ins. diam., bears N. 69° W., 170 lks. dist., marked $\frac{1}{4}$ S34 BT.

From the cor., the Organ Rock oil rig, bears N. 81°45' E.

55.00 The Organ Rock oil rig bears S. 68° E.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

T42S	R14E
S27	S26
S34	S35

1924

From which,

A cedar, 4 ins. diam., bears S. 66° E., 84 lks.
dist., marked T42S R14E S35 BT.

A cedar, 4 ins. diam., bears S. $11^{\circ}30'$ W., 205 lks.
dist., marked T42S R14E S34 BT.

A cedar, 4 ins. diam., bears N. 42° W., 65 lks.
dist., marked T42S R14E S27 BT.

No other suitable accessories available.

Land, rolling benches with a general westerly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, loose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 14 lks. N. of the cor. of
secs. 25, 26, 35 and 36.

Thence,

N. $89^{\circ}54'$ W., on true line bet. secs. 26 and 35.

Over rolling bench land through scattering undergrowth
and timber.

20.00 Land becomes more level, bears N. and S.

39.95 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S26

S35

1924

Subdivision of T. 42 S., R. 14 E.

Chains

From which,

A cedar, 8 ins. diam., bears N. 42° W., 250 lks.
dist., marked $\frac{1}{4}$ S26 BT.

No other suitable accessories available and soil too loose for pits.

76.20 Wood road, bears NW. and SE.

79.90 The cor. of secs. 26, 27, 34 and 35.

Land, rolling benches, broken in places by outcroppings of sandstone, with a general easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 26 and 27.

Over rolling bench land through scattering undergrowth and timber.

11.40 Wood road, bears NW. and SE.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S27 | S26
 1924

From which,

A cedar, 4 ins. diam., bears S. 71°30' E., 246 lks.
dist., marked $\frac{1}{4}$ S26 BT.

A cedar, 8 ins. diam., bears S. 1° W., 287 lks.
dist., marked $\frac{1}{4}$ S27 BT.

74.30 Sandstone ledge, 20 ft. high, bears NW. and SE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains

the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.

T42S	R14E
S22	S23
S27	S26
1924	

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain ru rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 89°54' E., on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

West, on true line bet. secs. 23 and 26.

Over rolling benches through scattering undergrowth and timber.

40.02 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23

S26

1924

From which,

Subdivision of T. 42 S., R. 14 E.

Chains

A cedar, 4 ins. diam., bears N. 73° E., 130 lks.
dist., marked 1 S23 BT.

A cedar, 6 ins. diam., bears S. 24° E., 107 lks.
dist., marked 1 S26 BT.

80.04 The cor. of secs. 22, 23, 26 and 27.

Land, rolling benches, broken in places by sandstone
outcroppings with a general westerly exposure and
drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 22 and 23.

Over rolling land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
1/4 sec. cor., with brass cap marked.

S22 | S23

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 14, 15, 22 and 23, with
brass cap marked.

T42S | R14E
S15 | S14

S22 | S23

1924

Chains

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Land, rolling benches, broken in places by sandstone outcroppings with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone: 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 14 and 23.

40.00 Set temp. sec. cor.

70.00 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence,

S. 80° 34' W., on true line bet. secs. 14 and 23.

Over rolling bench land through scattering undergrowth and timber.

70.00 Top of sandstone outcropping, 20 ft. high, bears N. and S.

70.00 In sandstone surface rock, mark a cross (X), over which: set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S14

S23

1924

from which,

A cedar, 5 ins. diam., bears N. 80° E., 178 lks. dist., marked S14 BT.

A cedar, 3 ins. diam., bears S. 77° E., 255 lks. dist., marked BT.

Subdivision of T. 42 S., R. 14 E.

Chains

42.00 Top of sandstone rimrock, 20 ft. high, bears N. and S.

79.98 The cor. of secs. 14, 15, 22 and 23.

Land, rolling benches, broken in places by sandstone outcroppings with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering black-rush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Over rolling bench land through scattering undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

S15 | S14

1924

Deposit a sandstone, 6 x 3 x 2 ins., at base of post, marked with a cross (.).

No other suitable accessories available and soil too loose for pits.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T42S | R14E
S10 | S11

S15 | S14

1924

Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Chains

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 2nd rate.

Undergrowth, scattering blackbrush, goose and mountain rush.

No timber.

Fair grazing.

N. 89°54' E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the cor. of secs. 11, 12, 13 and 14.

Thence,

S. 89°54' W., on true line bet. secs. 11 and 14.

Over rolling bench land broken in places by sandstone outcroppings, through scattering timber and undergrowth

39.96 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S11
 $\frac{1}{4}$ ———
S14
1924

from which,

A cedar, 4 ins. diam., bears S. 82° E., 120 lks. dist., marked $\frac{1}{4}$ S14 BT.

A cedar, 6 ins. diam., bears N. 10° W., 68 lks. dist., marked S11 BT.

50.00 Leave sandstone outcroppings, bears NE. and SW.

79.92 The cor. of secs. 10, 11, 14 and 15.

Land, rolling benches, broken in places by sandstone outcroppings with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Subdivision of T. 42 S., R. 14 E.

Chains

Undergrowth, scattering blackbrush, oose, and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 10 and 11.

Over rolling bench land through scattering undergrowth
and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S10 | S11

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

80.00 Point for the cor. of secs. 2, 3, 10 and 11, falls on
slope face of large sandstone boulder, where it is
impossible to set a permanent cor. Mark a cross (X) on
sandstone surfacerock for true cor. point.

80.17 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for witness cor. to the cor. of secs.
2, 3, 10 and 11, with brass cap marked.

T42S	R14E
S3	S2
S10	S11
W	C

 1924

From which,

A cedar, 4 ins. diam., bears S. 33° E., 89 lks.
dist., marked WC T42S R14E S11 BT.

A cedar, 6 ins. diam., bears S. 9°30' W., 62 lks.
dist., marked WC T42S R14E S10 BT.

A cedar, 4 ins. diam., bears N. 15°30' W., 125 lks.
dist., marked WC T42S R14E S3 BT.

Chains

201110

No suitable NE. bearing tree available.
Land, rolling benches, broken in places by sandstone outcroppings, with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 2, 3, 10 and 11 which is S. 0°01' E., 17 lks. dist. from the witness cor. to said secs.

N. 89°54' E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence,

S. 89°57' W., on true line bet. secs. 2 and 11.

Over broken sandstone outcroppings through scattering timber and undergrowth.

15.00 Spur, 30 ft. high, projects NE.

39.48 As the true point for the $\frac{1}{4}$ sec. cor. will fall on steep slope of sandstone surfacerock, where it is impracticable to set a permanent cor. at this point; on sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 2 and 11, with brass cap marked.

S2
WC $\frac{1}{4}$ S11

1924

From which,

A cedar, 4 ins. diam., bears N. 76° E., 76 lks. dist., marked WC $\frac{1}{4}$ S2 BT.

Subdivision of T. 42 S., R. 14 E.

Chains

A cedar, 4 ins. diam., bears S. 29° E., 98 lks.

dist., marked WC 1/2 S11 BT.

39.90 The true point for the 1/2 sec. cor. of secs. 2 and 11.

79.80 The true point for the cor. of secs. 2, 3, 10 and 11.

Land, broken benches, with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, rose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 2, 3, 10 and 11, which is S. 0°01' E., 17 lks. dist. from the witness cor. to said secs.

N. 0°10' E., on random line bet. secs. 2 and 3.

40.00 Set temp. . sec. cor.

79.70 Intersect the E. bdy. of the township, 30 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is heretofore described.

Thence,

S. 0°03' E., on true line bet. secs. 2 and 3.

Over broken sandstone outcroppings through scattering undergrowth and timber.

39.70 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 1/2 sec. cor., with brass cap marked.

S3 | S2
1924

From which,

A cedar, 4 ins. diam., bears S. 2°45' E., 103 lks. dist., marked 1/2 S2 BT.

A cedar, 4 ins. diam., bears N. 52°30' W., 28 lks. dist., marked 1/2 S3 BT.

Subdivision of T. 42 S., R. 14 E.

Chains

79.53 The witness cor. to the cor. of secs. 2, 3, 10 and 11.

79.70 The true point for the cor. of secs. 2, 3, 10 and 11.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rue.

Timber, scattering scrub cedar and piñon.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township, which is heretofore described.

N. $0^{\circ}02'$ W., bet. secs. 33 and 34.

Over rolling bench land through scattering undergrowth and timber.

7.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.

20.50 Wash, 40 lks. wide, 5 ft. deep, drains NW.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33 | S34

1924

From which,

A cedar, 6 ins. diam., bears N. $21^{\circ}15'$ E., 36 lks. dist., marked $\frac{1}{4}$ S34 BT.

A cedar, 8 ins. diam., bears N. 80° W., 107 lks. dist., marked $\frac{1}{4}$ S33 BT.

76.90 Wash, 30 lks. wide, 4 ft. deep, drains W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

T42S	R14E
S28	S27
S33	S34
1924	

From which,

A pinon, 8 ins. diam., bears N. $69^{\circ}45'$ E., 143 lks.
dist., marked T42S R14E S27 BT.

A cedar, 8 ins. diam., bears S. $66^{\circ}30'$ E., 151 lks.
dist., marked T42S R14E S34 BT.

A cedar, 6 ins. diam., bears N. $36^{\circ}45'$ W., 232 lks.
dist., marked T42S R14E S28 BT.

No suitable SW. bearing tree available.

Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure and
drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.12 Intersect the N. and S. line, 12 lks. S. of the cor. of
secs. 26, 27, 34 and 35.

Thence,

S. $89^{\circ}55'$ W., on true line bet. secs. 27 and 34.

Over rolling bench land through scattering undergrowth
and timber.

27.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

38.70 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.06 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

Chasing

415 327
334
1924

From which,

A pinon, 8 ins. diam., bears S. 40° W., 130 lks.
dist., marked : 334 BT.

A cedar, 8 ins. diam., bears N. 71° W., 47 lks.
dist., marked : 327 BT.

80.12 The cor. of secs. 27, 28, 33 and 34.

Land, rolling benches, broken, in places by sandstone outcroppings, with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0°02' W., bet. secs. 27 and 28.

Over broken bench land through scattering undergrowth and timber.

20.00 Rocky spur, 30 ft. high, projects SW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked,

328 327
1924

From which,

A pinon, 4 ins. diam., bears N. 49° E., 100 lks.
dist., marked : 327 BT.

A cedar, 10 ins. diam., bears N. 42° W., 140 lks.
dist., marked : 328 BT.

80.00 On sandstone surfacerock, mark a cross (X), over which

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T42S	R14E
S21	S22
S28	S27
1924	

From which,

A cedar, 8 ins. diam., bears N. $79^{\circ}30'$ E., 380 lks. dist., marked T42S R14E S22 BT.

A cedar, 4 ins. diam., bears S. $34^{\circ}45'$ E., 77 lks. dist., marked T42S R14E S27 BT.

A cedar, 4 ins. diam., bears S. $9^{\circ}30'$ W., 91 lks. dist., marked T42S R14E S28 BT.

A cedar, 4 ins. diam., bears N. $82^{\circ}15'$ W., 96 lks. dist., marked T42S R14E S21 BT.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 22 and 27.

40.00 Set temp. sec. cor.

79.90 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,

S. $89^{\circ}57'$ W., on true line bet. secs. 22 and 27.

Over rolling bench land through scattering timber and undergrowth.

39.95 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S22
 $\frac{1}{4}$
S27

1924

From which,

A cedar, 10 ins. diam., bears N. 12° E., 41 lks.
dist., marked $\frac{1}{4}$ S22 BT.

A cedar, 12 ins. diam., bears S. 88° E., 206 lks.
dist., marked $\frac{1}{4}$ S27 BT.

79.90 The cor. of secs. 21, 22, 27 and 28.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Over rolling bench land through scattering undergrowth and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S21 S22

1924

No suitable bearing trees available.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

T42S	R14E .
S16	S15

S21	S22
-----	-----

1924

From which,

A cedar, 6 ins. diam., bears S. 38° E., 34 lks.

dist., marked T42S R14E S22 BT.

No other suitable bearing trees available.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 89°57' E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.00 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence,

S. 89°56' W., on true line bet. secs. 15 and 22.

Over rolling bench land through scattering undergrowth and timber.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S15

$\frac{1}{2}$
S22

1924

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Chains

page 10

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

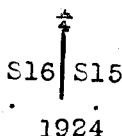
Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°02' W., bet. secs. 15 and 16.

Over rolling bench land through scattering undergrowth and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

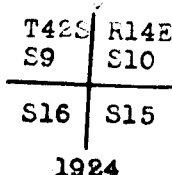


From which,

A cedar, 9 ins. diam., bears N. 66°30' E., 197 lks. dist., marked S15 BT.

A cedar, 7 ins. diam., bears N. 73° W., 353 lks. dist., marked S16 BT.

80.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.



From which,

A cedar, 4 ins. diam., bears N. 71° E., 160 lks.

dist., marked T42S R14E S10 BT.

Subdivision of T. 42 S., R. 14 E.

Chains

A cedar, 4 ins. diam., bears S. $51^{\circ}30'$ E., 127 lks.
dist., marked T42S R14E S15 BT.

A cedar, 10 ins. diam., bears S. $0^{\circ}30'$ W., 113 lks.
dist., marked T42S R14E S16 BT.

A cedar, 10 ins. diam., bears N. 84° W., 123 lks.
dist., marked T42S R14E S9 BT.

Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
2nd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. $89^{\circ}56'$ E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersec t the N. and S. line, 2 lks. S. of the cor. of
sec s. 10, 11, 14 and 15.

Thence,

S. $89^{\circ}55'$ W., on true line bet. secs. 10 and 15.

Over rolling bench land through scattering undergrowth
and timber.

39.00 Draw, 20 ft. deep, drains NW.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S10
 $\frac{1}{4}$
S15

1924

From which,

A cedar, 6 ins. diam., bears N. 62° E., 135 lks.
dist., marked $\frac{1}{4}$ S10 BT.

A cedar, 8 ins. diam., bears S. 46° E., 120 lks.
dist., marked $\frac{1}{4}$ S15 BT.

Subdivision of Township 34 N., Range 34 E.

Chains

80.00 The cor. of secs. 9, 10, 15 and 16. A, rabes A
Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure
and drainage.
Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.
Undergrowth, scattering blackbrush, oose and mountain
rush.
Timber, scattering scrub cedar and pinon.
Poor grazing.

N. 0°02' W., bet. secs. 9 and 10.
Over broken bench land through scattering undergrowth
and timber.

40.00 On broken land.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S9 | S10

1924

From which,
A cedar, 4 ins. diam., bears N. 37°45' E., 330 lks.
dist., marked $\frac{1}{4}$ S10 BT.

No other suitable accessories available and soil too
loose for pits.

80.00 On broken land.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T42S	R14E
S4	S3
S9	S10

1924

From which,
A cedar, 6 ins. diam., bears N. 2° W., 500 lks.
dist., marked T42S R14E S4 BT.

Chains

No other suitable accessories available.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, goose and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.04 Intersect the N. and S. line, 2 lks. N. of the true point for cor. of secs. 2, 3, 10 and 11.

Thence,

S. $89^{\circ}56'$ W., on true line bet. secs. 3 and 10.

From the true point for cor. of secs. 2, 3, 10 and 11, which is S. $0^{\circ}03'$ E., 17 lks. from the witness cor. to said sec.

Over broken land through scattering undergrowth and timber.

40.02 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S3.

$\frac{1}{2}$ S10

1924

From which,

A cedar, 4 ins. diam., bears N. $67^{\circ}45'$ E., 240 lks. dist., marked $\frac{1}{2}$ S3 BT.

A cedar, 4 ins. diam., bears S. $7^{\circ}45'$ E., 81 lks. dist., marked $\frac{1}{2}$ S10 BT.

61.00 Draw, 20 ft. deep, drains N.

80.04 The cor. of secs. 3, 4, 9 and 10.

Land, broken by sandstone outcroppings with a general northerly exposure and drainage.

Chains

and

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush, rose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. 0°03' W., on random line bet. secs. 3 and 4.

40.00 Set temp. 1/2 sec. cor.

79.77 Intersect the N. bdy. of the township, 28 lks. W. of the
cor. of secs. 3, 4, 33 and 34, which is heretofore
described.

Thence,

S. 0°09' W., on true line bet. secs. 3 and 4.

Over rolling bench land through scattering undergrowth
and timber.

39.77 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound
of stone, for 1/2 sec. cor., with brass cap marked.

S4 | S3

1924

From which,

A cedar, 4 ins. diam., bears N. 80° E., 117 lks.
dist., marked 1/4 S3 BT.

A cedar, 4 ins. diam., bears N. 36°15' W., 140 lks.
dist., marked 1/4 S4 BT.

79.77 The cor. of secs. 3, 4, 9 and 10.

Land, rolling benches, broken in places by sandstone
outcroppings, with a general northwesterly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush, rose and mountain
rush.

Timber, scattering cedar and pinon. Poor grazing.

Chains

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, which is heretofore described.

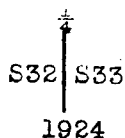
N. 0°03' W., bet. secs. 32 and 33.

Over broken sandstone outcroppings through scattering undergrowth and timber.

30.40 Draw, 20 ft. deep, drains NW.

37.00 Draw, 20 ft. deep, drains W.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

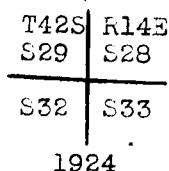


No suitable bearing trees available.

47.00 Draw, 20 ft. deep, drains W.

68.30 Draw, 20 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.



From which,

A point on the face of a large sandstone, boulder, marked X BO S28, bears N. 35° E., 16 lks. dist.

A pinon, 4 ins. diam., bears S. 49°15' E., 385 lks. dist., marked T42S R14E S33 BT.

A cedar, 4 ins. diam., bears S. 47°15' W., 362 lks. dist., marked T42S R14E S32 BT.

A pinon, 4 ins. diam., bears N. 66°30' W., 215 lks. dist., marked T42S R14E S29 BT.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Chains

aniano

Undergrowth, scattering blackbrush, oose and mountain
rush.
Timber, scattering scrub cedar and pinon.
Poor grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect the N. and S. line, 7 lks. N. of the cor. of
secs. 27, 28, 33 and 34.

Thence,

N. $89^{\circ}57'$ W., on true line bet. secs. 28 and 33.

Over broken sandstone outcroppings through scattering
undergrowth and timber.

40.04 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

\$28

$\frac{1}{4}$

\$33

1924.

Deposit a sandstone, 6 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

80.08 The cor. of secs. 28, 29, 32 and 33.

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 28 and 29.

Over rolling bench land through scattering undergrowth
and timber.

Subdivision of T. 42 S., R. 14 E.

Chains

26.90 Wash, 30 lks. wide, 4 ft. deep, drains NW.

37.30 Wash, 30 lks. wide, 4 ft. deep, drains W.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S29 | S28

1924

No suitable bearing trees available.

56.20 Wash, 40 lks. wide, 5 ft. deep, drains NW.

66.50 Wash, 30 lks. wide, 4 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 20, 21, 28 and 29,
with brass cap marked.

T42S	R14E
S20	S21
S29	S28

1924

From which,

A cedar, 8 ins. diam., bears S. 44°45' E., 324 lks.
dist., marked T42S R14E S28 BT.

A cedar, 6 ins. diam., bears S. 64°15' W., 361 lks.
dist., marked T42S R14E S29 BT.

No other suitable bearing trees available.

Land, rolling benches broken in places by sandstone
outcroppings with a general northwesterly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

Subdivision of T. 42 S., R. 14 E.

Chains

enlarged

- S. $89^{\circ}57'$ E., on random line bet. secs. 21 and 28. 30.00
40.00 Set temp. $\frac{1}{2}$ sec. cor.
80.20 Intersect the N. and S. line, 7 lks. S. of the cor. of sec.
21, 22, 27 and 28.

Thence,

West, on true line bet. secs. 21 and 28.

Over rolling bench land through scattering timber and
undergrowth.

- 2.70 Wash, 30 lks. wide, 4 ft. deep, drains N.
3.23 A circular rock house, 30 lks. diam., 5 ft. high, built
by the Indians, bears N., 4.00 chs.
40.10 On sandstone surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S21
S28

1924

From which,

A cedar, 8 ins. diam., bears S. $85^{\circ}45'$ E., 251 lks.
dist., marked S28 BT.

A cedar, 8 ins. diam., bears N. 81° W., 70 lks.
dist., marked S21 BT.

78.00 Draw, 20 ft. deep, drains NW.

80.20 The cor. of secs. 20, 21, 28 and 29.

Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 42 S., R. 14 E.

Chains

N. 0°03' W., bet. secs. 20 and 21.

Over broken sandstone outcroppings through scattering timber and undergrowth.

2.00 Draw, 20 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 1 sec. cor., with brass cap marked.

S20 | S21
1924

No suitable bearing trees available.

From this cor. Organ Rock, which is a large column of sandstone resembling a pipe organ, approximately 3.00 chs. diam. and 430 ft. high, bears N. 67° E.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T42S | R14E
S17 | S16
S20 | S21
1924

From this cor., Organ Rock, bears S. 59°30' E.

No suitable bearing trees available.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scatter scrub cedar and pinon. Fair grazing.

East, on random line bet. secs. 16 and 21.

40.00 Set temp. & sec. cor.

80.12 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence, N. 89°54' W., on true line bet. secs. 16 and 21.
Over broken sandstone outcroppings through scattering undergrowth and timber.

40.06 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 1 sec. cor., with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

S16
+ S21
1924

No suitable bearing trees available.

80.12 The cor. of secs. 16, 17, 20 and 21.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon. Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

Over broken land through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 ins. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S17 | S16
1924

80.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T42S | R14E
S8 | S9
S17 | S16
1924

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber. Fair grazing.

S. 89°54' E., on random line bet. secs. 9 and 16.

40.00 Set temp. sec. cor.

80.00 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence, S. 89°55' W., on true line bet. secs. 9 and 16.

Over broken land through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S9
+ S16
1924

Subdivision of T. 42 S., R. 14 E.

Chains

80.00

The cor. of secs. 8, 9, 16 and 17.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber:

Fair grazing:

N. 0°03' W., bet. secs. 8 and 9.

Over broken sandstone outcroppings through scattering undergrowth.

17.80 Wash, 20 lks. wide, 4 ft. deep, drains NW.

39.00 Spur, 30 ft. high, projects NW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S8	S9
1924	

59.50 Wash, 10 lks. wide, 3 ft. deep, drains N. 70° W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T42S	R14E
S5	S4
S8	S9
1924	

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Subdivision of T. 42 S., R. 14 E.

Chains

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

N. 89°55' E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 16 lks. N. of the cor. of
secs. 3, 4, 9 and 10.

Thence,

N. 89°58' W., on true line bet. secs. 4 and 9.

Over rolling bench land through scattering undergrowth
and timber.

16.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

21.60 Spur, 20 ft. high, projects NW.

30.40 Wash, 30 lks. wide, 4 ft. deep, drains NW.

40.02 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S4

S9

1924

From which,

A cedar, 8 ins. diam., bears N. 47°30' E., 76 lks.
dist., marked $\frac{1}{4}$ S4 BT.

A cedar, 6 ins. diam., bears S. 72°30' E., 129 lks.
dist., marked $\frac{1}{4}$ S9 BT.

47.00 Spur, 20 ft. high, projects NW.

60.50 Wash, 20 lks. wide, 3 ft. deep, drains N. 10° W.

80.04 The cor. of secs. 4, 5, 8 and 9.

Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure
and drainage.

Subdivision of T. 42 S., R. 14 E.

Chains

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°09' E., on random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.72 Intersect the N. bdy. of the township, 7 lks. E. of the
cor. of secs. 4, 5, 32 and 33, which is heretofore
described.

Thence,

S. 0°06' W., on true line bet. secs. 4 and 5.

Over broken sandstone outcroppings through scattering
undergrowth and timber.

39.72 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

1
S5 | S4
1924

No suitable bearing trees available.

69.70 Wash, 20 lks. wide, 4 ft. deep, drains NW.

79.72 The cor. of secs. 4, 5, 8 and 9.

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T42S, R14E, S30, S31, S32.

Chains

2012

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township, which is heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Over rolling bench land through scattering undergrowth.

9.60 Wash, 30 lks. wide, 4 ft. deep, drains NW.

35.50 Wash, 40 lks. wide, 5 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

1
S31 | S32

1924

72.10 Road, bears NW. to Copper Canyon, and SE. to Kayenta, Arizona.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T42S | R14E
S30 | S29
S31 | S32

1924

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

Subdivision of T. 42 S., R. 14 E.

Chains

East, on random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.96 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

S. $89^{\circ}58'$ W., on true line bet. secs. 29 and 32.

Over rolling bench land through scattering undergrowth and timber.

19.70 Wash, 30 lks. wide, 4 ft. deep, drains NW.

39.98 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 129 \\ \frac{1}{2} \\ \hline 172 \end{array}$$

1924

From which,

A cedar, 8 ins. diam., bears L. $36^{\circ}30'$ W., 406 lks. dist., marked $\frac{1}{2}$ BT.

No other suitable accessories available and soil too loose for pits.

63.80 Wash, 40 lks. wide, 5 ft. deep, drains NW.

79.96 The cor. of secs. 29, 30, 31 and 32.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, goose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 42 S., R. 14 E.

Chains	
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.12	Intersect the W. bdy. of the township, 14 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is heretofore described.
	Thence,
	S. $89^{\circ}53'$ E., on true line bet. secs. 30 and 31.
	Over broken sandstone outcroppings through scattering undergrowth.
10.00	Draw, 20 ft. deep, drains NW.
38.12	On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S30 \\ \hline \frac{1}{4} \\ S31 \end{array}$
	1924
42.00	Wash, 30 lks. wide, 4 ft. deep, drains NW.
75.00	Road, bears NW. to Copper Canyon and SE. to Kayenta, Arizona.
78.12	The cor. of secs. 29, 30, 31 and 32. Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage. Soil, shallow sandy loam mixed with loose sandstone; 3rd rate. Undergrowth, scattering blackbrush, oose and mountain rush. No timber. Fair grazing.
	N. $0^{\circ}03'$ W., bet. secs. 29 and 30.
	Over broken sandstone outcroppings through scattering undergrowth.
40.00	On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 48 S., R. 14 E.

Chains

S30 | S29

1924

58.00 Draw, 30 ft. deep, drains NW.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 19, 20, 29 and 30,
with brass cap marked.

T42S | R14E

S19 | S20

S30 | S29

1924

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

No timber.

Fair grazing.

N. 89°58' E., on random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

79.76 Intersect the N. and S. line, 3 lks. S. of the cor. of secs.
20, 21, 28 and 29.

Thence,

S. 89°57' W., on true line bet. secs. 20 and 29.

Over broken sandstone outcroppings through scattering
undergrowth.

39.88 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground to bedrock and in a large mound of stone, for
1/4 sec cor., with brass cap marked.

S20

S29

1924

Subdivision of T. 42 S., R. 14 E.

Chains

2013/0

Deposit a sandstone, 5 x 4 x 2 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

46.40 Center of group of 3 sandstone buttes, 20 ft. high.

79.76 The cor. of secs. 19, 20, 29 and 30.

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, none.

Fair grazing.

N. 89°53' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.00 Intersect the W. bdy. of the township, 3 lks. S. of the
cor. of secs. 19, 24, 25 and 30, which is heretofore
described.

Thence,

S. 89°52' E., on true line bet. secs. 19 and 30.

Over broken land through scattering undergrowth.

32.50 Road, bears NW. to Copper Canyon, and SE. to Kayenta,
Arizona.

38.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
sec. cor., with brass cap marked.

S19
 $\frac{1}{4}$
S30

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Subdivision of T. 42 S., R. 14 E.

Chains

48.50 Ridge, 30 ft. high, bears N. and S.

54.40 Draw, 30 ft. deep, drains NW.

64.80 Spur, 20 ft. high, projects N.

69.70 Wash, 30 lks. wide, 4 ft. deep, drains N.

74.60 Sandstone rimrock, 20 ft. high, bears N. and S.

78.00 The cor. of secs. 19, 20, 29 and 30.

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, obse and mountain
rush.

No timber.

Poor grazing.

N. 0°03' W., bet. secs. 19 and 20.

Over broken sandstone outcroppings through scattering
undergrowth.

6.30 Wash, 30 lks. wide, 4 ft. deep, drains W.

22.90 Head of sandstone gulch, 30 ft. deep, drains NW.

29.10 Wash, 40 lks. wide, 4 ft. deep, drains W.

40.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{2}$
S19 | S20

1924

56.00 Wash, 40 lks. wide, 5 ft. deep, drains NW.

80.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 17, 18, 19 and 20,
with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

T42S	R14E
S18	S17
S19	S20

1924

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Poor grazing.

N. $89^{\circ}57'$ E., on random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence,

S. $89^{\circ}55'$ W., on true line bet. secs. 17 and 20.

Over broken sandstone outcroppings through scattering undergrowth.

39.87 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S17
$\frac{1}{4}$
S20

1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

79.74 The cor. of secs. 17, 18, 19 and 20.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber. Poor grazing.

Subdivision of T. 48 S., R. 14 E.

Chains

N. 89°52' W., on random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.06 Intersect the W. bdy. of the township, 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is heretofore described.

Thence,

S. 89°54' E., on true line bet. secs. 18 and 19.

Over broken sandstone outcroppings through scattering undergrowth.

20.90 The W. rim of sandstone gulch, bears NW. and SE.

23.80 Bottom of sandstone gulch, 50 ft. deep, drains NW.

27.20 The E. rim of sandstone gulch, bears NW. and SE.

38.06 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S18
—
S19

1924

78.06 The cor. of secs. 17, 18, 19 and 20.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 17 and 18.

Over broken sandstone outcroppings through scattering undergrowth and timber.

39.60 Wash, 40 lks. wide, 20 ft. deep, drains W.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

30.00

S18 | S17

1924

From which,

A cedar, 12 ins. diam., bears S. $48^{\circ}30'$ E., 183 lks.
dist., marked $\frac{1}{4}$ S17 BT.

A cedar, 10 ins. diam., bears N. $24^{\circ}45'$ W., 211 lks.
dist., marked $\frac{1}{4}$ S18 BT.

64.40 Wash, 20 lks. wide, 10 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 7, 8, 17 and 18,
with brass cap marked.

T42S	R14E
S7	S8
S18	S17
1924	

No suitable bearing trees available.

Land, broken by sandstone outcroppings with a general
north westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 8 and 17.

40.00 Set temp. sec. cor.

30.81 Intersect the N. and S. line, 12 lks. S. of the cor. of
secs. 8, 9, 16 and 17.

Thence,

S. $89^{\circ}50'$ W., on true line bet. secs. 8 and 17.

Over rolling bench land through scattering undergrowth.

20.00 Ravine, 30 ft. deep, drains N. 60° W.

30.40 Wash, 50 lks. wide, 10 ft. deep, drains N. 50° W.

Subdivision of T. 42 S., R. 14 E.

Chains

39.21 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S8
 $\frac{1}{4}$
S17

1924

64.00 Wash, 20 lks. wide, 10 ft. deep, drains NW.

79.82 The cor. of secs. 7, 8, 17 and 18.

Land, rolling benches, broken in places by sandstone
outcroppings with a general northwesterly exposure and
drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

N. $89^{\circ}54'$ W., on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.04 Intersect the W. bdy. of the township, 5 lks. N. of the
cor. of secs. 7, 12, 13 and 18, which is heretofore
described.

Thence,

S. $89^{\circ}56'$ E., on true line bet. secs. 7 and 18.

Over broken sandstone outcroppings through scattering
undergrowth.

33.00 Wash, 50 lks. wide, 10 ft. deep, drains NW.

38.04 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S7
 $\frac{1}{4}$
S18

1924

78.04 The cor. of secs. 7, 8, 17 and 18.

Chains

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, a few scattering scrub cedar and pinon.

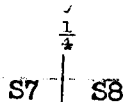
Fair grazing.

N. 0°03' W., bet. secs. 7 and 8.

Over broken sandstone outcroppings through scattering undergrowth.

25.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

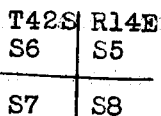
40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



1924

60.00 Wash, 50 lks. wide, 10 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.



1924

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, a few scattering scrub cedar.

Fair grazing.

&

Subdivision of T. 42 S., R. 14 E.

Chains

N. 89° 50' E., on random line bet. secs. 3 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect the N. and S. line, 14 lks. N. of the cor.
of secs. 4, 5, 8 and 9.

Thence,

S. 89° 56' W., on true line bet. secs. 5 and 8.

Over broken sandstone outcroppings through scattering
undergrowth.

30.00 Wash, 50 lks. wide, 10 ft. deep, drains N.

39.85 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S5 \\ \frac{1}{4} \text{---} \\ S8 \end{array}$$

1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

56.00 Wash, 40 lks. wide, 6 ft. deep, drains NW.

79.70 The cor. of secs. 5, 6, 7 and 8.

Land, broken by sandstone outcroppings with a general
northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, a few scattering scrub cedar.

Fair grazing.

N. 89° 56' W., on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.00 Intersect the W. bdy. of the township, 12 lks. N. of the
cor. of secs. 1, 6, 7 and 12, which is heretofore
described.

Thence,

Chains

N. 89°59' E., on true line bet. secs. 6 and 7.

Over broken sandstone outcroppings through scattering undergrowth.

20.00 Rocky spur, 20 ft. high, projects NW.

26.60 The W. rim of sandstone gulch, bears NW/ and SE.

29.80 Bottom of sandstone gulch, 40 ft. deep, drains NW.

37.60 The E. rim of sandstone gulch, bears NW. and SE.

38.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6
 $\frac{1}{4}$
S7

1924

78.00 The cor. of secs. 5, 6, 7 and 8.

Land, broken by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

N. 0°06' E., on random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the N. bdy. of the township, 28 lks. E. of the cor. of secs. 5, 6, 31 and 32, which is heretofore described.

Thence,

S. 0°06' E., on true line bet. secs. 5 and 6.

Over rolling bench land through scattering undergrowth.

28.00 Wash, 200 lks. wide, 30 ft. deep, drains N. 20° W.

39.92 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 42 S., R. 14 E.

Chains

↓
S6 | S5
1924

79.92 The cor. of secs. 5, 6, 7 and 8.

Land, rolling benches, broken in places by sandstone outcroppings with a general northwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Fair grazing.

Closing Errors, T. 42 S., R. 14 E.

Lines designated	True bearings.	Dist-ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
N. Bdy. T42S R14E	East	477.92	.....	.....	477.92	.....
E. Bdy. T42S R14E	South	479.92	.....	479.92	.....	.....
S. Bdy. T42S R14E	West	478.10	.....	.....	.....	478.10
W. Bdy. T42S R14E	North	479.99	479.99	.....	.....	.....
Convergency		.....	.....	.....	.....	.....
Totals			479.99	479.92	478.17	478.10
			479.92		478.10	
			0.07		0.17	

General Description of T. 42 S., R. 14 E.

The east portion of this township, consists of broken sandstone surfacerock, with a general northeasterly exposure and drainage. The west portion of the township consists of rolling benches, broken in places by sandstone outcroppings and deep washes. This portion of the township, has a general northwesterly exposure and drainage. The township is drained by small washes and sandstone gulches, some of which drain to large open flats and do not leave the township.

Throughout a greater portion of the township, a scattering growth of scrub cedar and pinon timber is found, which has no commercial value except for fire wood and fence posts.

A scattering undergrowth of blackbrush, oose, mountain rush, and sand grass, was found throughout the township which affords fair grazing for stock during the winter months.

No water was found in the township and no portion of it is suitable for farming.

A wagon road which is in poor condition, enters the township on the S. boundary of sec. 32, and bears in a northwesterly direction to Copper Canyon, leaving the township on the W. boundary of sec. 19. A road from Bluff, Utah, enters the township on the E. boundary of sec. 25, and bears in a southwesterly direction to the Organ Rock oil rig, located in sec. 35, and to Kayenta, Arizona, leaving the township on the S. boundary of sec. 35.

The Organ Rock oil rig is located in the SE. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of sec. 35, which consists of a wooden tower approximately 20 ft. high, two one room rock houses and a tent house. Work was discontinued at this oil rig before the commencement of the survey of this township, and at the time of the survey, the place was vacant.

The township is suitable for a grazing range for stock, during the winter months, it being impossible to graze them during the summer months on account of there being no water.

No settlers were on the township at the time of the survey, and no indication of mineral was found.

A large column of sandstone rock which resembles a pipe organ was found located in the N. half of sec. 21.

The only improvements found on the township, were the buildings at the Organ Rock oil rig, and the roads. The magnetic declination was not taken on account of a defective needle

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney Reese	1st Chainman
Cleveland Hunter	1st Chainman
Elliot Tuttle	2nd Chainman
P.V. Wurtsbough	2nd Chainman
Charles Sleeper	Flagman
Robert Reeseigh	Flagman
Max Brown	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.S.

Chas F. Moore, and
We, Willis W. Bandy, U. S. Surveyor, hereby certify upon honor that, in pursuance
of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 24th day of September, 1912, we have well, faithfully, and truly
in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States, surveyed all those parts or portions of the North, West,
and South Boundaries, and Subdivision of T. 42 S., R. 14 E.

of the Salt Lake Base
And Meridian, in the State of Utah, which are represented in
and date diagram on dates shown on said diagram
the foregoing field notes as having been executed by us, and under my direction, and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
tions, and the special written instructions of the U. S. Surveyor General for Utah.
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

Bluff, Utah
Jan 1-1925
Salt Lake City, Utah.
January 14, 1924.

Chas. F. Moore
Willis W. Bandy U. S. Surveyor.
APPROVAL: U. S. Surveyor

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Feb. 17, 1925.

The foregoing field notes of the survey of the North, West, and South boundaries,
and the subdivisional lines of Township No. 42 South, Range No.
14 East of the Salt Lake Base and Meridian, Utah,

executed by Chas. F. Moore and Willis W. Bandy
under his special instructions dated September 24, 1923, and having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

W. A. Fournison
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.